HOUSE & GARDEN

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Autumn Decorating Number

September 1929

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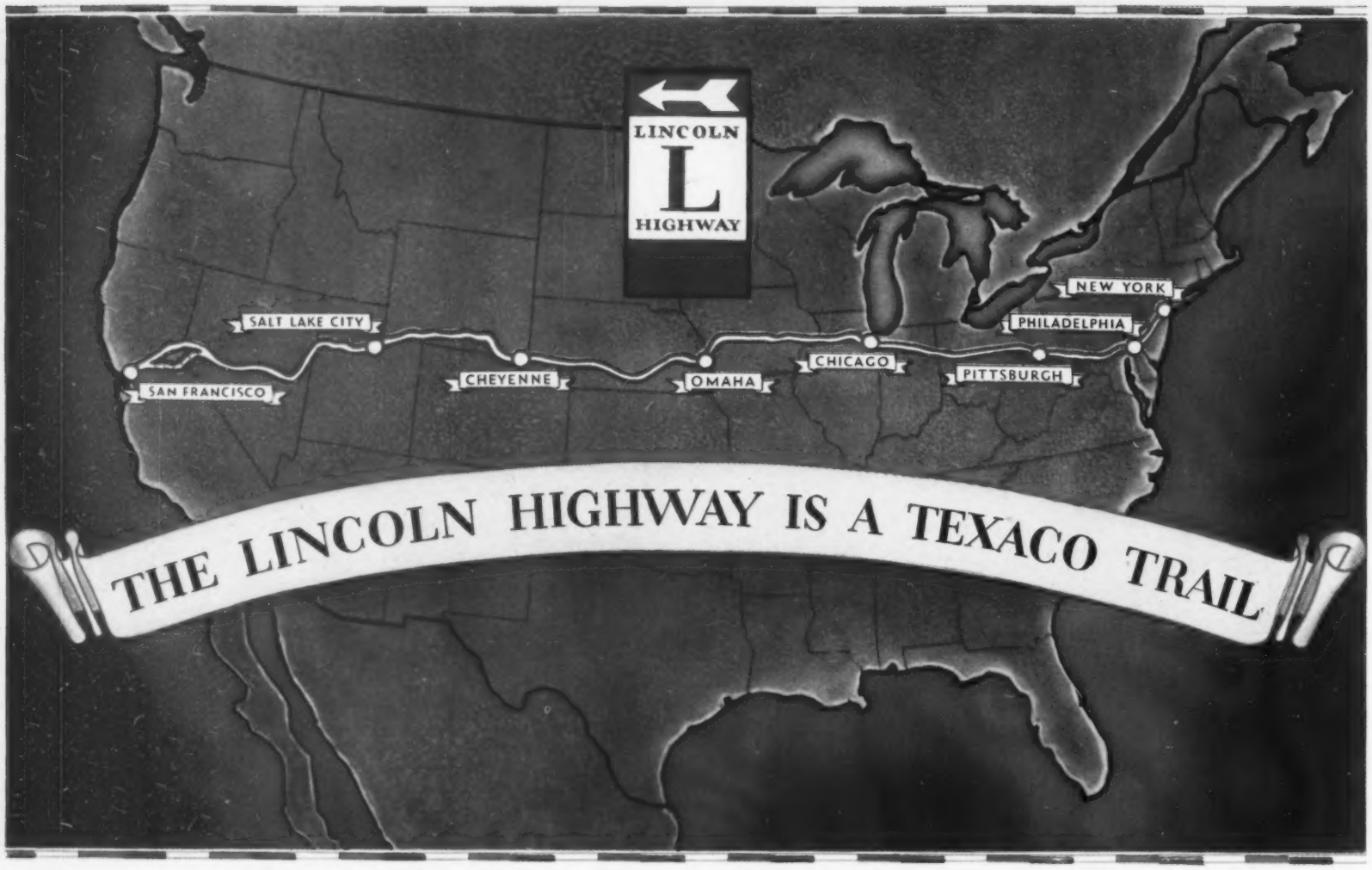
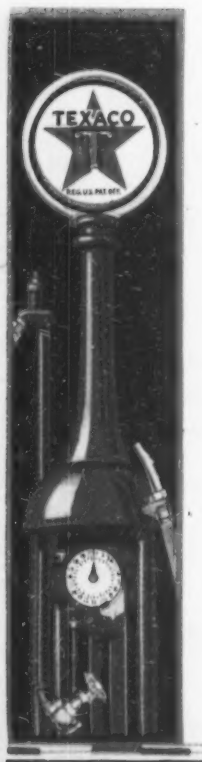


"Never more than an hour from a Texaco Pump"



The Texaco Red Star with the Green T has joined the red, white and blue Lincoln marker to serve and to guide. Texaco Service is available everywhere along this 3,500-mile trans-continental "Main Street." You are never more than an hour from a Texaco Pump. The Lincoln Highway is truly a Texaco Trail!

Only The Texas Company can offer such a complete national service. For today the *new* and *better* Texaco Gasoline and Texaco Golden Motor Oil are sold along all the great national highways—the only gasoline and motor oil obtainable in *every one* of our 48 States.

Sincere public appreciation of the finer qualities of Texaco has made possible this nation-wide service. It is recognition of the superior performance of the *new* and *better* Texaco Gasoline, high test at no extra price, and full bodied Texaco Golden Motor Oil, clean, clear, pure.

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CLEAN-CLEAR-PURE

"TOUR WITH TEXACO"

THE TEXAS COMPANY, TEXACO PETROLEUM PRODUCTS

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NEW YORK

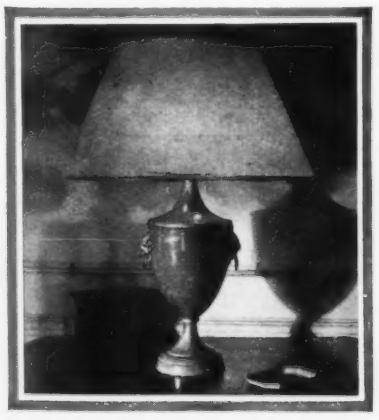
CARON CORP., 389 FIFTH AVE., NEW YORK

HOUSE & GARDEN
September, 1929

House & Garden is published monthly by The Condé Nast Publications, Inc., Boston Post Road, Greenwich, Conn. Executive and Publishing offices, Greenwich, Conn. Entered as second class matter at the Post Office at Greenwich, Conn., under the Act of March 3rd, 1879. Editorial offices, Graybar Building, Lexington at 43rd, New York, N. Y. Subscriptions for the United States, Canada, Porto Rico, Hawaii and the Philippines, $4.00 a year in advance.

Vol. No. 56, No. 3

Hidden away in a tiny byway in Avignon is a potter's shop, the owner of which represents the fourth generation of potters in his family. His hands molded this quaint-shaped lamp. His kiln fired it in soft, glowing colors. Complete with shade $15.00



Tôle lamps being a fashion in decoration, our collector has gone to their source—France—to obtain the most authentic designs and best colors. This graceful urn lamp in red or green, with Empire shade, is $25.00

THE SMART MODERN...

When abroad, the smart modern tours the shops ....delights in the traditional or contemporary, but does not buy....for she has found the secret—that European shopping is most successfully done right here in New York....in the Gimbel Old World Shop....where she sees vast varieties of all that she saw abroad, and more.

The old and the new....furniture, lamps, pottery, bibelots, objets d'art....And much less expensive.

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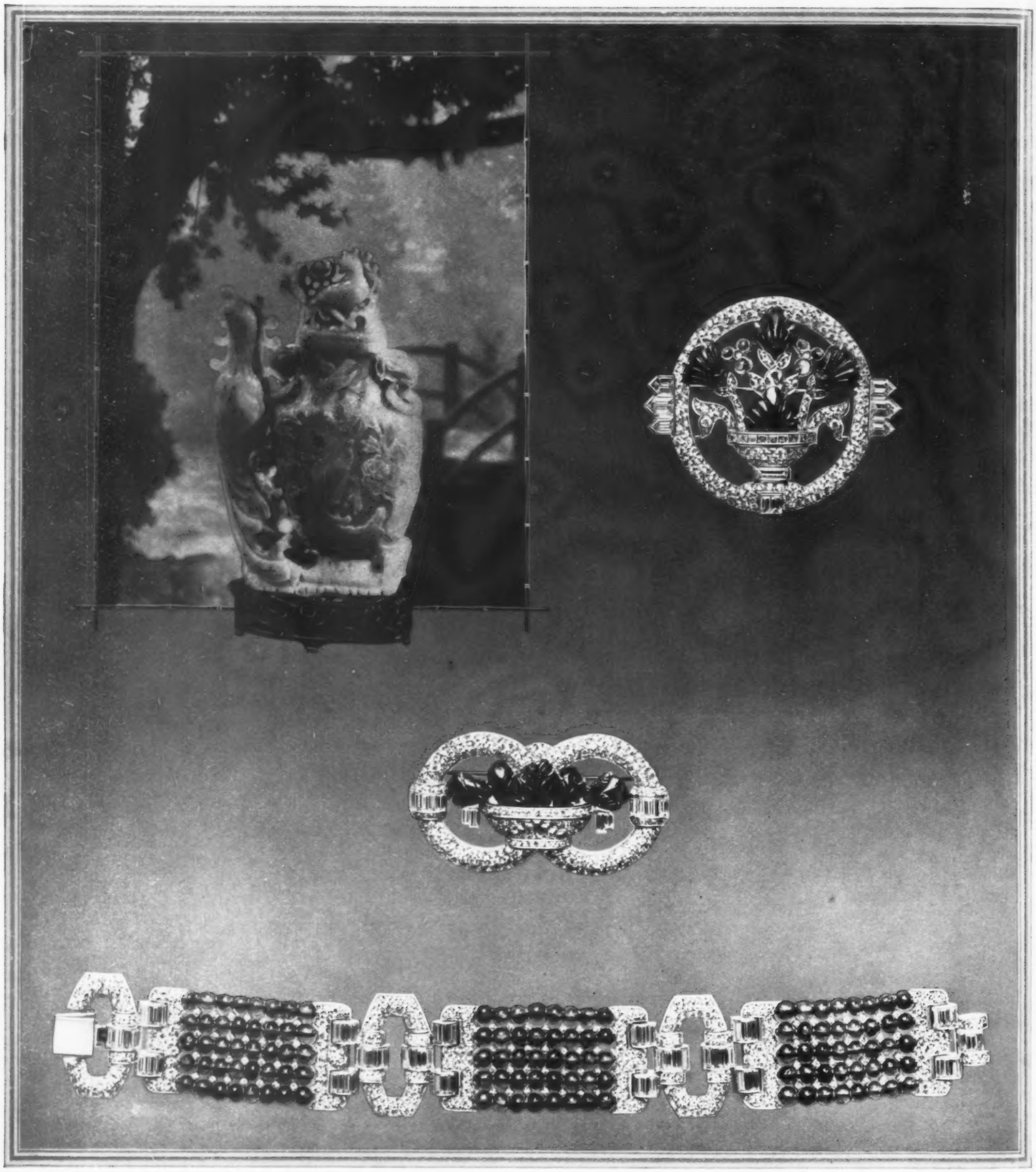

Jewelry of rare novelty and most appealing charm.
India rubies, diamond baguettes and
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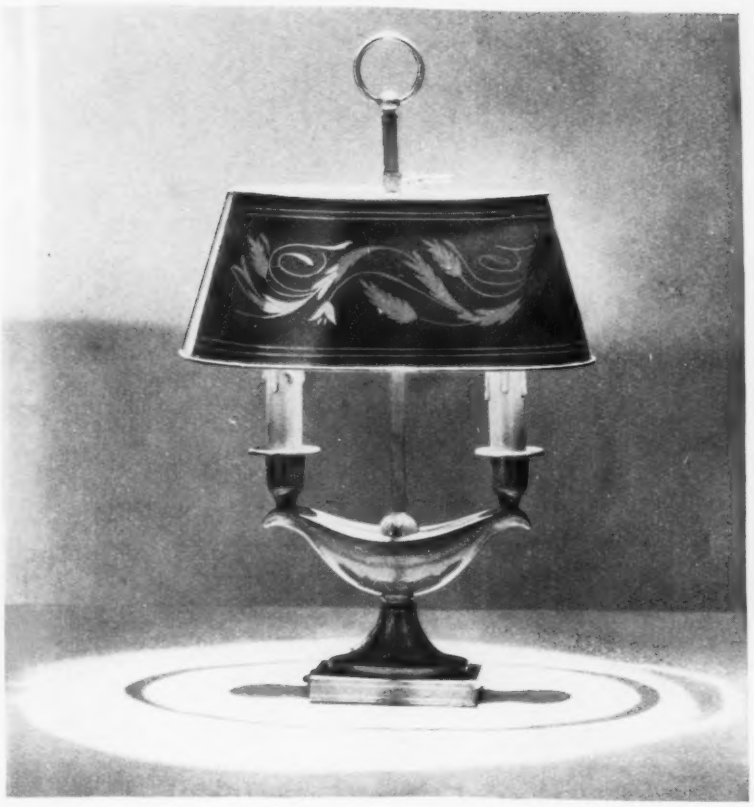


A table lamp Macy's has imported from France is made of tole in a rich red and has a shade painted with gold, $14.89

Even when they are not shedding light . . .

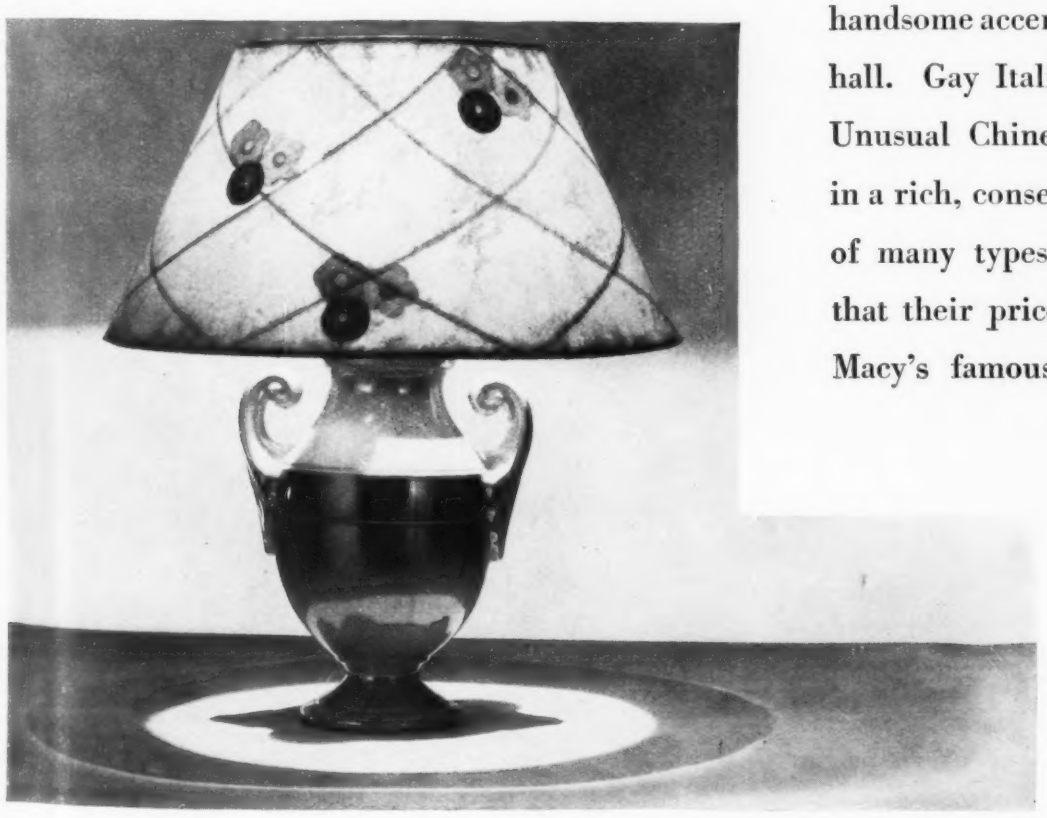
The New

TABLE LAMPS

Are Decorative

AN increasing vogue for using table lamps lavishly in decorative schemes is responsible for lamps like these—decorative assets twenty-four hours a day, not only at evening when shades are drawn and lights glow softly.

This table lamp has a specially designed paper parchment shade which blends beautifully with the pottery base in green or yellow. The base, $9.94, the shade $7.94



Sophisticated little French lamps to emphasize a Directoire room. Sleek modern ones in pottery for an interior a la Ruhlmann. Others that are solid, handsome accents for a man's room, for a library or hall. Gay Italian pottery lamps for sun porches. Unusual Chinese pottery lamps for living rooms in a rich, conservative manner. Macy's offers lamps of many types, alike only in the pleasant detail that their price tickets show striking evidence of Macy's famous price policy. On the sixth floor.

MACY'S

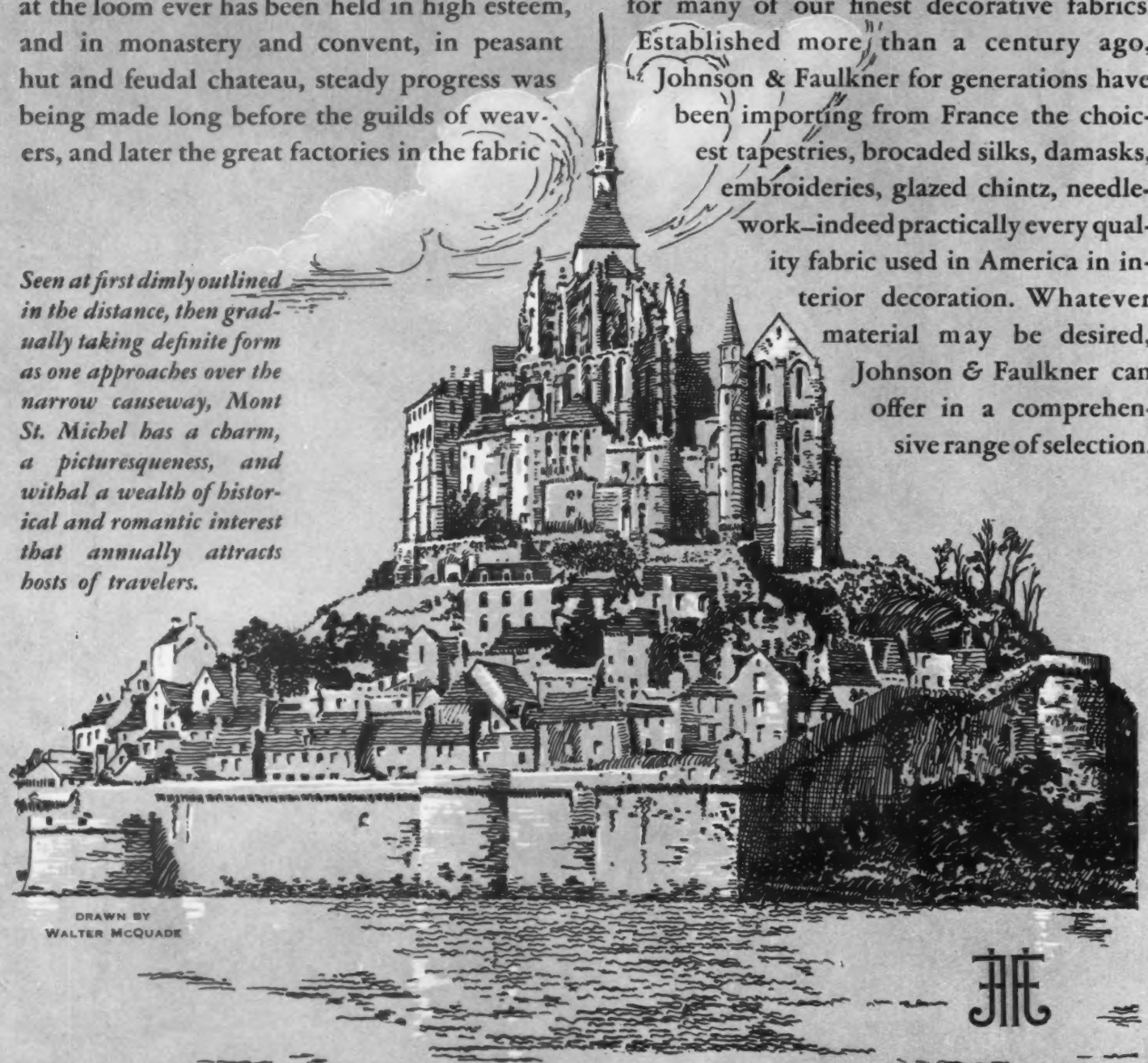
34th St. and Broadway

New York

IMPORTED
UPHOLSTERY *and* DRAPERY FABRICS

FRANCE — aesthetic, beauty-loving — has been a devoted patron to the art of weaving since the Age of Charlemagne. Skill at the loom ever has been held in high esteem, and in monastery and convent, in peasant hut and feudal chateau, steady progress was being made long before the guilds of weavers, and later the great factories in the fabric centers, brought the art to a degree of perfection hitherto unknown. This leadership has not been lost, and it is still to France that we look for many of our finest decorative fabrics. Established more than a century ago, Johnson & Faulkner for generations have been importing from France the choicest tapestries, brocaded silks, damasks, embroideries, glazed chintz, needlework—indeed practically every quality fabric used in America in interior decoration. Whatever material may be desired, Johnson & Faulkner can offer in a comprehensive range of selection.

Seen at first dimly outlined in the distance, then gradually taking definite form as one approaches over the narrow causeway, Mont St. Michel has a charm, a picturesqueness, and withal a wealth of historical and romantic interest that annually attracts hosts of travelers.



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WALTER McQUADE

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COLONIAL DRAPERIES

Windows peering out on busy streets and quiet lanes . . . the roistering world, the silent world passing by in patterns, through windows draped in rich and varied ways. In cretonnes gay and flowery, in toiles quaint and lovely, in bold, modern crashes. From the outside looking in, or the inside looking out, no picture too glamorous, none too calm to be framed in windows draped by Field's.

✣ ✣ ✣ In addition to the Colonial designs, produced by Marshall Field and Company (wholesale), are other patterns and fabrics, domestic and imported, amounting to several thousand distinct draperies. When in Chicago, you are invited to see this amazing selection.

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RETAIL
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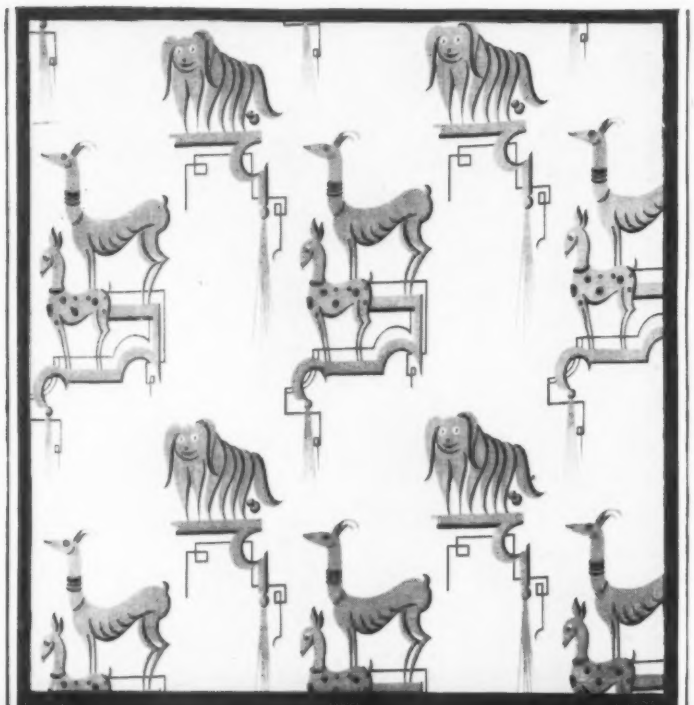


"The STAGG"—a design whose unique combination of naive motifs and sophisticated treatment makes it suitable for a wide variety of uses.

Three Decorators Chose this Modern Chintz for Three different Types of Rooms

FOR the room that demands an unusual treatment—a room where the conventional floral chintzes might seem out of keeping—we commend this delightfully original design.

While it is simple enough to appeal to a child, it has a marked subtlety of line and decorative quality that make it appropriate for any apartment where a somewhat ultra touch is desired.

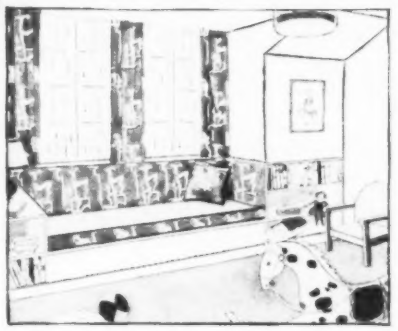
In either the plain or the semi-glazed finish this pattern makes effective pillows or screens to furnish the modern note in an otherwise conservatively decorated room. And the rich ground shades of terra cotta, blue-green, peach, and black, blend harmoniously with a variety of color schemes.

All Waverly Fabrics are fine in quality, and among the wealth of designs you are sure to find many that conform with your individual tastes. Ask to see them in the drapery departments of dry goods, furniture, and department stores. Prices range from fifty cents to a dollar and a half a yard.

Send 25 cents for beautiful new color booklet showing new uses of chintz in home decoration, and samples of Waverly Prints. Address Dept. 91.

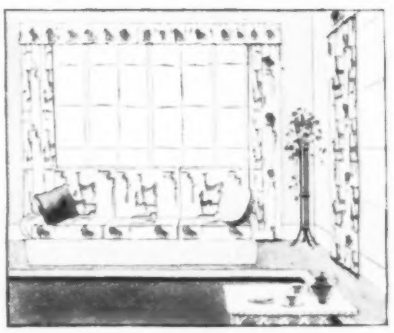
Waverly Fabrics

60 West 40th Street New York, N. Y.



For a MODERN PLAYROOM

A ground of soft blue-green with figures in golden yellow accented with dull red was chosen for a modernistic nursery. The small owner is delighted with it, and pats the pillows, which are covered with the same chintz, with a loving and appreciative hand.



For a GAY SUNROOM

The second decorator was doing a sunroom for which she wanted hangings distinctly out of the ordinary. It overlooked the sea and was done in maple with rough plaster walls. She chose this "Stagg" design with a peach background and figures of terra cotta accented with black.

For a MAN'S LIBRARY

In this setting, the figures take on the aspect of animals from an old Assyrian frieze. To walls of paneled pine they add a brightening touch. Here they appear in parchment and brown on a ground of rich terra cotta. The casement curtains in each case are Waverly gauze, lustrous and washable.

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK

CHIPPENDALE CARVED MAHOGANY BEDROOM GROUP, *by* KENSINGTON

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KENSINGTON bedroom furniture, while retaining the character and the charm of old work, is designed for the home of today. It is as convenient and adequate in service as it is decorative.

Whether the need is for a bedroom with the quiet elegance of a Georgian mansion, or the simple charm of an English cottage or Colonial farmhouse, a wide choice of distinctive and beautiful furniture is found in Kensington designs.

All Kensington Furniture is made and finished by hand throughout in the best possible manner, and is a permanent investment in beauty and utility.

Examples of all of our work may be seen at our Showrooms, arranged so as to give an accurate impression of how the furniture will look in the purchaser's home.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer

KENSINGTON MFG COMPANY
MANUFACTURERS
DECORATIVE FURNITURE
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR

Enhance the charm of the Town Apartment *with* CELANESE *Fabrics*

TRADE MARK REG. U. S. PAT. OFF.

THE more formal type of decoration for the town apartment suggests crisp Celanese Taffeta or permanent Moire—or rich Celanese Velvet. To balance the formal mode, there's a spirit of soft informality to be found in sheer glass curtains of Celanese Voile. With all their beauty of color and texture, Celanese decorative fabrics are extremely practical as well —they do not shrink or stretch—they do not curl, so weighting is unnecessary—they do not soil readily, and they cleanse easily—fog and rain do not harm them. Their colors are unusually fast. And you will be amazed at the modest prices of these fine textiles, shown by the leading decorators and in drapery departments everywhere.

MARGERY SILL WICKWARE chose Celanese Taffeta for the overdraperies and vanity, Celanese Voile for the glass curtains, and Celanese Satin for the sham beneath the lace bedspread, in decorating this enchanting bedroom in an apartment in the Savoy-Plaza.

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York City.

CELANESE *Decorative Fabrics*

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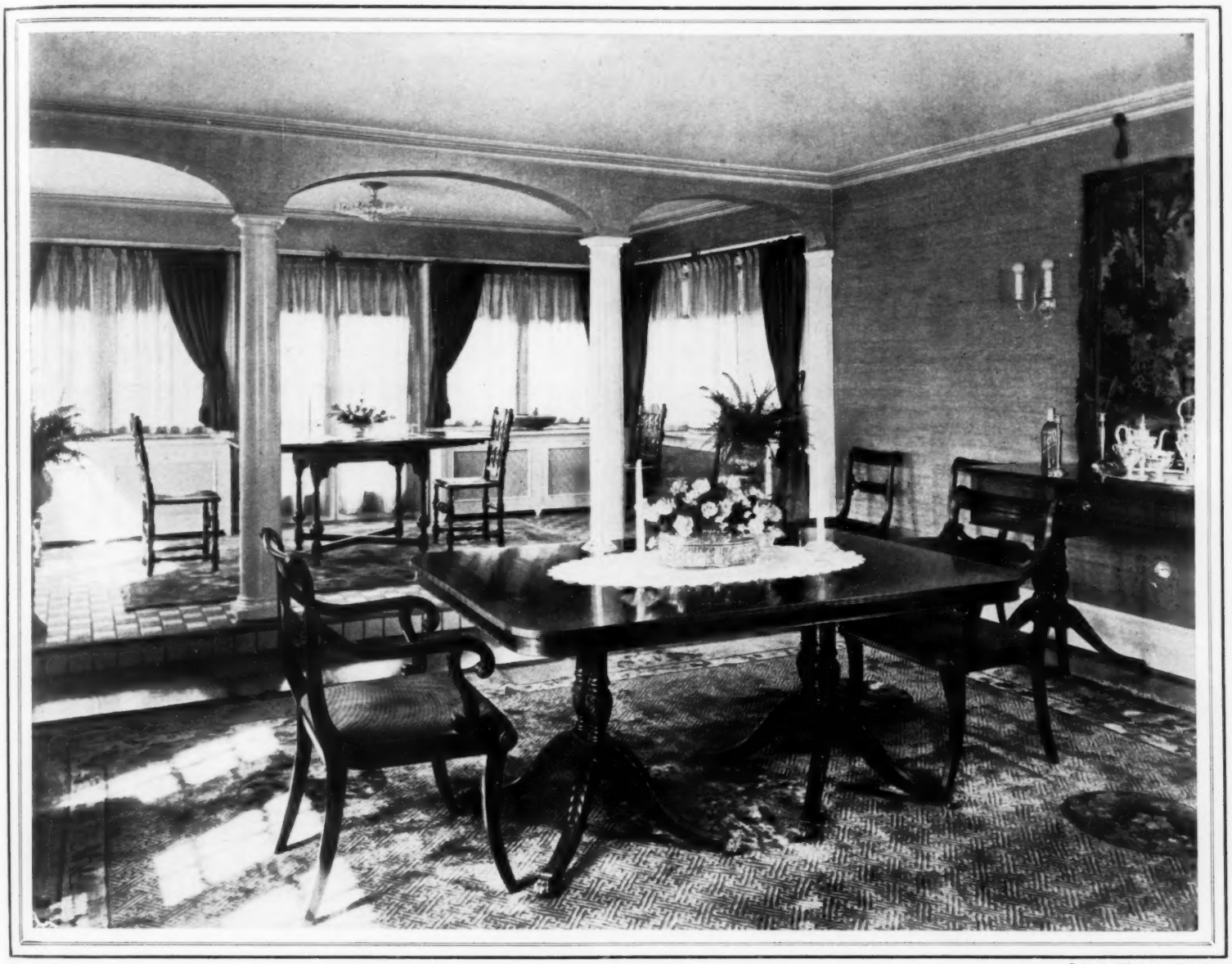
VOILE · NINON · SATIN · TAFFETA · VELVET · PERMANENT MOIRE

A Dining Room of Rare Charm Combining Furniture of Two Centuries



© 1929, Kittinger Company

THE grace and beauty of this Duncan Phyfe dining suite in Solid Mahogany, by Kittinger, is given a charming background with a breakfast set of 17th Century English influence in Solid Walnut, also by Kittinger.

From 1795 to 1830 Duncan Phyfe, the only American designer whose name has lived to identify a distinct style of furniture, produced in his New York shops a collection of exquisite patterns, chiefly of Adam, Heppelwhite and Sheraton influence, which have lived most happily with the designs of the Old English Masters. A good example of such harmony is shown above. You will find in Kittinger suites and pieces a wide selection of period reproductions that bring new charm to homes furnished throughout with Kittinger Distinctive Furniture. In addition to reproductions of famous museum pieces, there are many period adaptations made practical for modern living . . . all in Solid Cabinetwoods, principally American Walnut, Honduras Mahogany, Oak, and a few in Maple.

You will be well repaid with a visit to our nearest showroom where Kittinger representatives, familiar with present-day interior decoration, can aid you in your selection and help you arrange for the purchase through a Kittinger dealer near you. Send for the Duncan Phyfe folder and other literature. Address Kittinger Company, Dept. 40, North Elmwood Ave., Buffalo, N.Y.

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Kittinger DISTINCTIVE Furniture BUFFALO 1866

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Style — as fresh and new as the magazine you hold in your hands — meets your eye in all the new Bush & Lane Radio Models. Built side by side with concert grands, Bush & Lane cabinets possess a charm of exterior elegance — a depth and beauty of lustre that wins the instant admiration of discriminating persons.

And it needs only a turn of the dial to convince you that the interior mechanical excellence is as far beyond the ordinary as the outward beauty. Through the pure, full tone of Bush & Lane Radio you will gain a new conception of radio performance — realize the full meaning of what Bush & Lane tonal engineers have accomplished in mastering the problems of resonance.

Bush & Lane Radio must be heard as well as seen. Till then you will never know all that is implied by the assertion: Built like a Fine Piano.

Bush & Lane Radio can be purchased only from specially appointed dealers who, through their enviable service, enjoy the confidence and patronage of those who buy with perfection in mind. You can identify your dealer by the Bush & Lane shield.

BUSH & LANE PIANO CO.
HOLLAND, MICHIGAN

Bush & Lane RADIO Built Like a Fine Piano

Bush & Lane RADIO

FREE
Write for illustrated brochure, complete with information and prices, showing all the new models of Bush & Lane Radio.

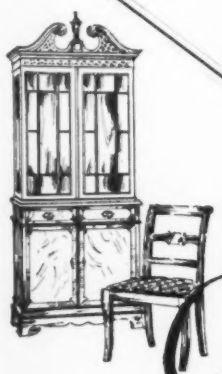
MODEL 40 — In appearance this substantial looking cabinet has a Flemish flavor. The doors are of a beautifully figured Butt Walnut—finished like a fine piano. An electro-dynamic radio using eight tubes of latest type, including rectifier, operating from A.C. house current.

MODEL 50—A rather formal cabinet with French doors that fold back, exposing an interior of real beauty. Butt Walnut veneer front is enlivened by a contrasting overlay of Maple Burl. Mechanically the same as Model 40.

Charak Colonial open cupboard—or Welsh dresser—of solid maple, where pewter, china or books may be displayed to excellent advantage.

Charak Hepplewhite shield-back chair. The shield is carved in a delicate leaf and lily motif. Upholstery to be selected to suit individual needs.

Charak Chippendale lace-edge tip-top table of hand-carved mahogany. Diameter 30 inches. There is always room for an extra table in every home.



Charak Hepplewhite Sideboard, with serpentine front. At right and left of the spacious center compartment are roomy bottle drawers.

Charak

Furniture offers one the opportunity to secure, at moderate cost, faithful reproductions of Colonial designs, built of carefully selected woods, with all the devotion and skill of the expert craftsman. If your decorator or dealer cannot show you *Charak* Furniture we shall be glad to tell you where it may be seen.

CHARAK FURNITURE COMPANY, INC.

Faithful Reproductions of
Early American Furniture in Mahogany and Maple

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to receive the new Valentine-Seaver Book on Modern Furniture *for the living room?*

If not, please send it now. This book containing beautiful pictures of latest Valentine-Seaver creations is ready for distribution. There is no charge. Address either Valentine-Seaver, 4127 George St., Chicago, or No. 1 Park Avenue, New York

TO look upon these two beautiful Valentine-Seaver creations in their impressive setting might easily cause you to rate Valentine-Seaver furniture as *most expensive.*

As a matter of fact, this exclusive Valentine-Seaver design of an English lounge-sofa, covered in *hand-painted* linen-velvet, is very moderately priced—considering its superfine quality. It has the patented Valuxsea down-filled back and cushions, which, while giving all the deep luxury of *down,* assure a permanent trimness of line. There is no sagging, no loss of shapeliness during its life.

The Valentine-Seaver Queen Anne Chair, with its typical Queen Anne back, is much less expensive than its rare beauty and masterful craftsmanship would lead you to believe. Why not enjoy it in *your* home? Covering is of imported silk brocatelle. Cushion is down-filled. Legs are of solid mahogany as you would expect.

Prominent dealers in *fine furniture* everywhere sell Valentine-Seaver productions. If you do not know the location of the one nearest you, write us for the address.

VALENTINE SEAVER

Valentine-Seaver—Division of Kroehler Mfg. Co., largest makers of upholstered Living Room Furniture in the world—4127 George Street, Chicago—New York Display Room—1 Park Avenue, New York City.

TWENTY YEARS AGO, Fisher built the best bodies known *then;* today, it is building the highest quality bodies available *now*—in any given price field. Contrast the body attributes of Chevrolet, Pontiac, Oldsmobile, Marquette, Oakland, Viking, Buick, La Salle or Cadillac—all with Body by Fisher—with those of any cars in their price field, and the difference in favor of the Fisher Body car is almost startling. Fisher Body, by reason of its vastly superior ability to build greater body value and quality, is actually able to use the same basic kind of construction in bodies for cars in the *lowest price* field as is employed for cars of highest price. That is why the Fisher Body car continues attractive, inside and outside, in finish, in upholstery, in woodwork, in fittings; and remains weather-proof and free from noise. Twenty years of rigid adherence to highest quality standards and of constant endeavor to produce that quality at lower costs, thus finds its full fruition today, in every body which Fisher builds.

BODY by FISHER

LOOK TO THE BODY!

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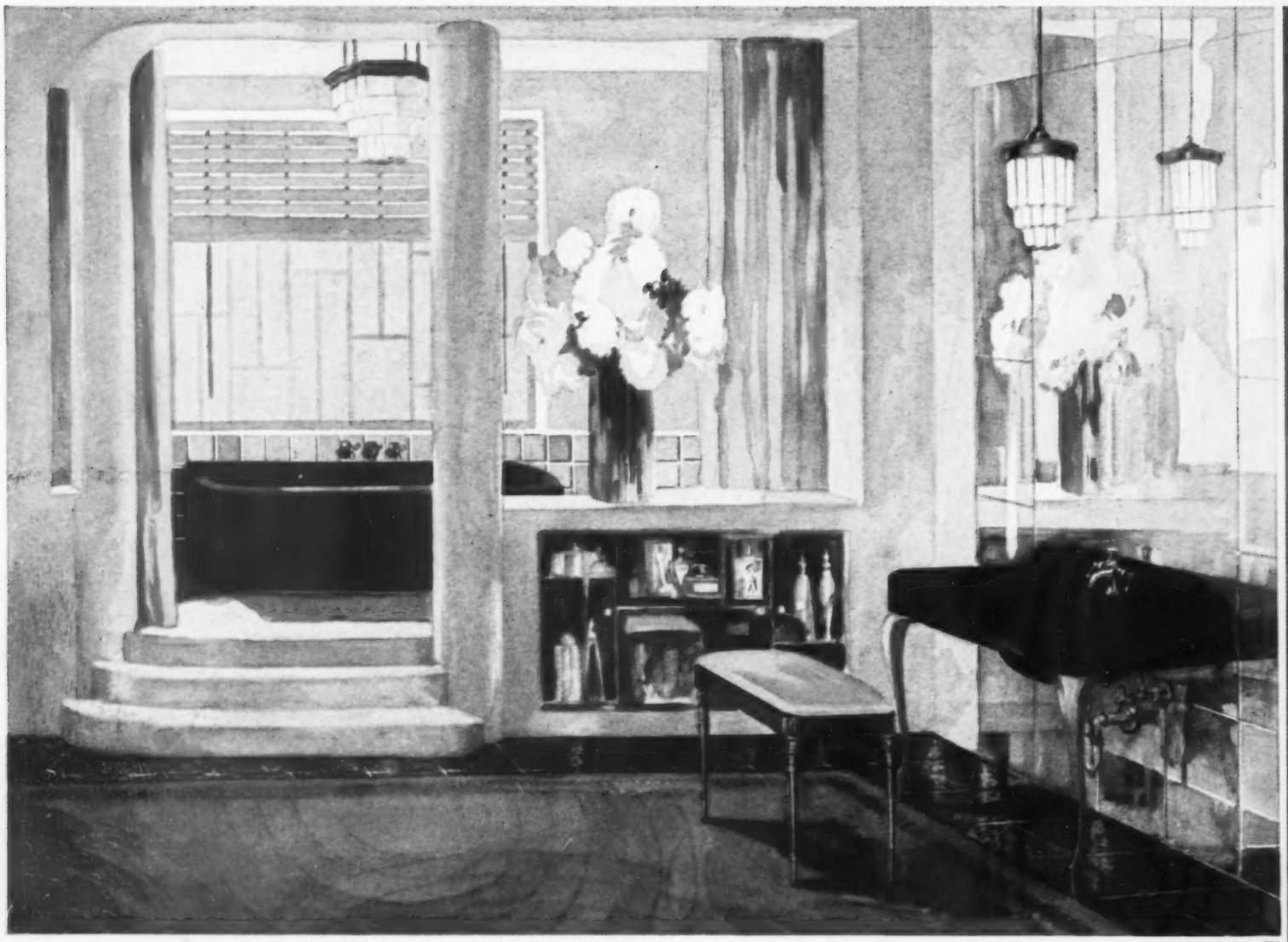

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Bathroom beauty has its beginning in the plumbing fixtures. And, with the advent of "Standard" colors, pure and exquisite as those of historic porcelains, no bathroom need be commonplace.

Nor need its individuality depend upon the amount of your expenditure, for *all* "Standard" Plumbing Fixtures, including the least expensive, are available in the new colors. The distinction of color can be obtained in the small and simpler bathroom at but a moderate cost.

Ming Green, Clair de Lune Blue, Ionian Black, Meissen White, Rose du Barry, T'ang Red, St. Porchaire Brown, Ivoire de Medici, Orchid of Vincennes, and Royal Copenhagen Blue—these new "Standard" colors make possible an almost infinite variety of color combinations and decorative schemes.

A book "Color and Style in Bathroom Furnishing and Decoration" has been published by "Standard" to illustrate the correct and harmonious use of plumbing fixtures in each color. It reproduces complete color schemes for bathrooms which are highly original in design and color harmony. If you are planning to build or remodel your home, or have out-worn or out-dated plumbing fixtures which should be replaced, you will want a copy of this authoritative work. It will be mailed to you on request.

Standard Sanitary Mfg. Co.
PITTSBURGH

"Standard" PLUMBING FIXTURES

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Business on the seller's part.

Business on the buyer's part.

We believe it is good business to protect the investments of owners. Therefore, we adopted a policy about five years ago that has saved Auburn owners millions of dollars.

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Auburn's amazing growth and success is traceable directly to our efforts to make every Auburn owner completely satisfied that he has made the best possible automobile investment.

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Auburn dealers also offer convenient purchase terms

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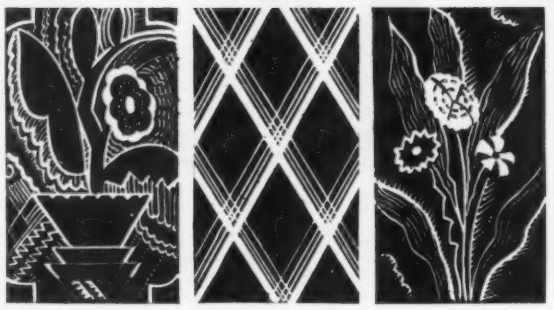
MODERN . . . SEMI-MODERN . . CLASSIC . . .

NOTHING so dates a house as its owner's attitude toward wallpaper . . . Monotone walls have gone the way of monotone clothes. The fresh colors and delightful designs of the new papers have swept the world of decoration as the new printed silks have conquered the citadels of fashion.

Daring papers—that go the whole way with the unfettered young modernist to make a background for furniture based on dynamic symmetry . . . Subtle papers—that treat traditional forms from a new angle and carry conventional furniture with them into the moment's mode . . . Classic papers—too beautiful in their perfect designs and colors ever to seem old-fashioned . . . Tested papers—that bear a two-year guarantee against fading. Realizing the need for expert opinion as a guide to choice, The Wallpaper Association has established a Consulting Decorators' Bureau, the services of which are at your disposal. Questions will be answered by return mail—without expense to you. Two Booklets have been prepared—"How to Modernize Your Home" and "Which Wallpaper and Why". They will answer every wallpaper question.

The WALLPAPER



ASSOCIATION
OF UNITED STATES
10 E. 40 ST., N. Y. C.

Send 50 cents for the booklet mentioned above and 50 samples of actual wallpapers

DRAPERIES *and* UPHOLSTERIES *from Schumacher* • RUGS *from Elbrook*
WALL PAPER *from Thibaut* • LIGHTING FIXTURES *from Lansha*

DYNAMIQUE creates this suite for the boudoir . . . of mahogany, English Walnut and the modernistic thuya burl, polished to reflect a million little moons and stars of light. Twin beds or one of full size—low and reposeful . . . a dressing table with ample hidden space for necessities . . . a chiffonier of formal geometric beauty . . . a night stand for a lamp, a book or other slumber comforts.

Simplicity, beauty, practicality are the keynotes of these Dynamique pieces. And they enter with equal grace a house entirely in the modern manner . . . or one reflecting many periods.

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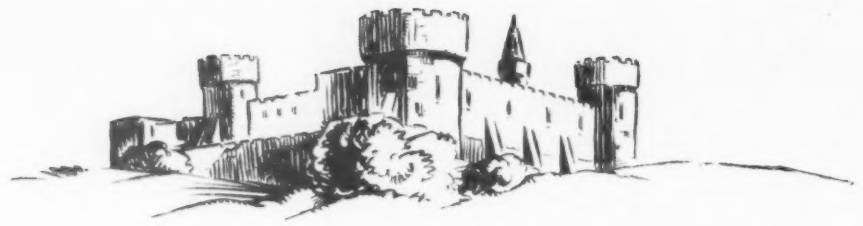
DYNAMIQUE CREATIONS



From the Castle of LADY LEVETT WIMBORNE

THIS aged and lovely mantel is a typical result of a century-long quest of the House of Jackson.

For over One Hundred Years we have searched for the Beautiful in Fireplace Adornment. It has taken us into ancient and crumbling castles of the Old World. It has brought us into such mansions as the distinguished, ancestral castle of Lady Wimborne.

Frequently we have discovered perfect and exquisite examples of a past age of art. Like all great antiques, added to their loveliness is the intangible romance of historic associations, which is, perhaps, their greatest charm.

We have brought them to these shores. In the homes of the lovers of exquisite things they stand alone — lovely — unique.

In our galleries today you will find many such treasures, for our search continues. They come to you, completely individual expressions, from the inspired hands of artists, who lived in an era when art flourished under the Royal Patronage of Kings.

This Mantel from Wimborne Castle is of fine old statuary marble with inlays of Convent Sienna. Its excellent and delicate workmanship is accented by the exceptional depth of its carvings — Georgian Period. Price, $6,000.

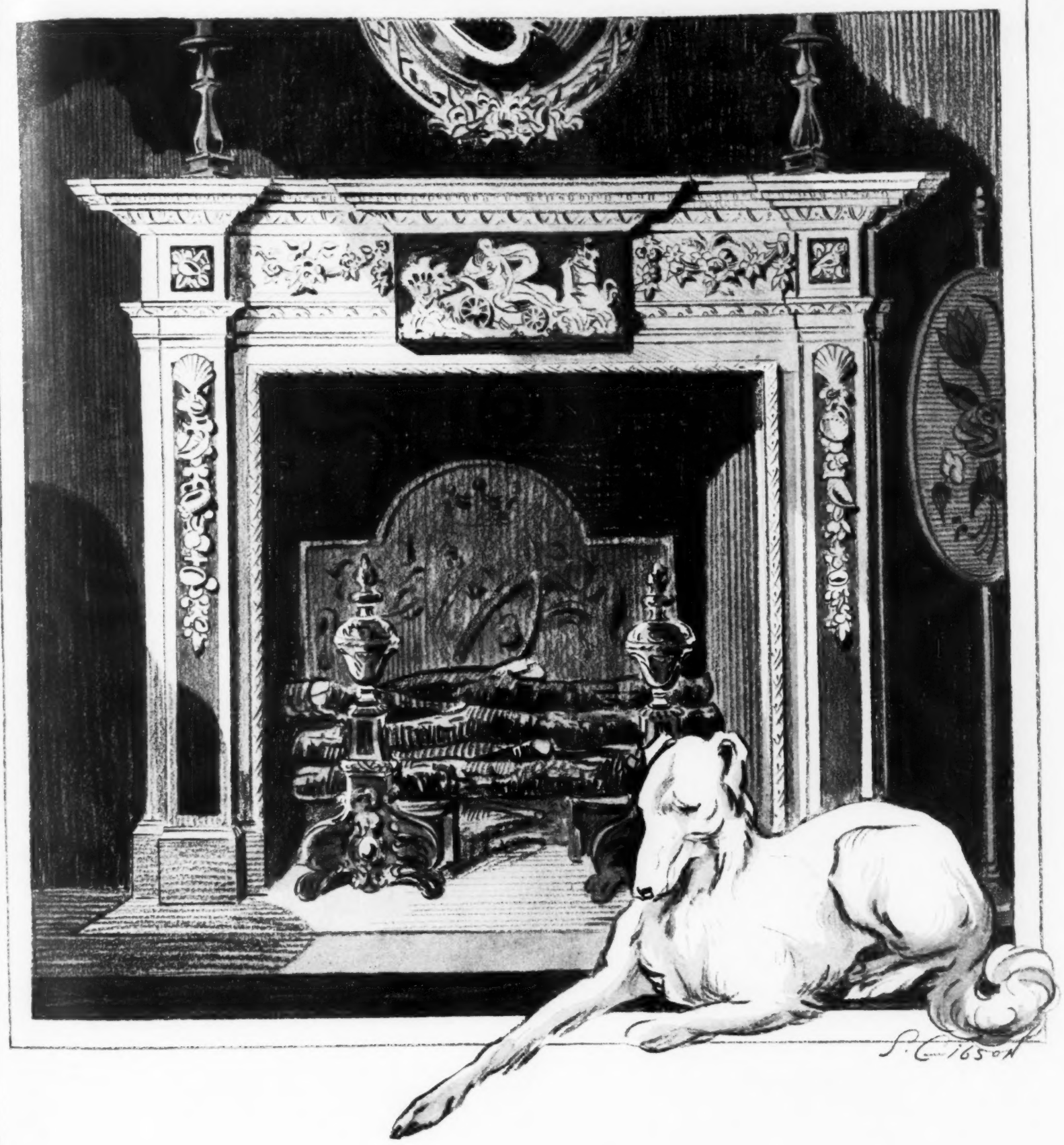
The Georgian Period Andirons illustrated are available in silver finish at $325 — in gold finish, $350 the pair.

If you cannot call, you will find our photographs and our booklet outlining our exclusive service of the greatest interest. Address us at New York, Department HG.

The Coat of Arms of
the House of Wimborne

WM. H.

OVER A HUNDRED YEARS OF SERVICE TO THE



H. JACKSON COMPANY

2 West 47th Street, New York
318 North Michigan Avenue, Chicago

PROMINENT FAMILIES IN THE SOCIAL REGISTER

SUCCESSFUL HOME-MAKERS RECOGNIZE IN TABLES THE NEEDED TOUCH OF NEWNESS AND COLOR FOR THEIR ROOMS

This charming table has butt walnut veneer top. The balance is solid walnut with maple burl overlay on rim. Based on Louis XVI style.

IMPERIAL TABLES
Do not dare to be *Dull* or *Ordinary*

This delightful lamp table also is of 18th Century inspiration. Made of crotch mahogany, maple burl overlay, balance in mahogany.

This distinctive drop leaf end table is made of solid walnut with butt walnut top and maple burl drawer front, rims and border.

IMPERIAL TABLES are designed with the sincere belief that tables must have character and richness—must be colorful and out of the ordinary. We search the world for rare woods of unusual figuring, for distinctive touches and colorings that mean everything in a table. We are table specialists.

Why be satisfied with anything less than a genuine Imperial Table? Not only correctly styled for beauty but constructed for years of service. Imperial Tables are always good value, and satisfaction is assured by the trade-mark name Imperial on the green shield.

Imperial Tables are now on view at Imperial Dealers everywhere. There are graceful consoles with mirrors, stunning coffee tables, picturesque tilt tops, dainty occasionals.

Only leading furniture and department stores have Imperial Tables. If not sure where they are to be seen, please write us.

We will also send our new Booklet, "The Table in the Home," presenting over twenty of the lovely new Imperial Tables.

IMPERIAL TABLES

IMPERIAL FURNITURE CO.
1620 Broadway
GRAND RAPIDS, MICHIGAN

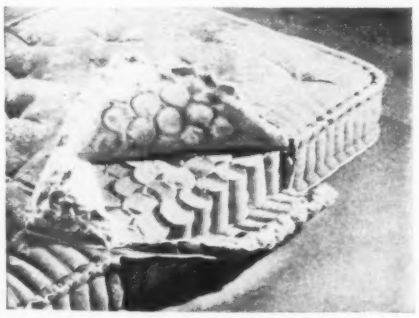
TABLE SPECIALISTS SINCE NINETEEN HUNDRED THREE

"COMFORT? *I never knew* real *comfort until I got this* MATTRESS *and* SPRING," *says*

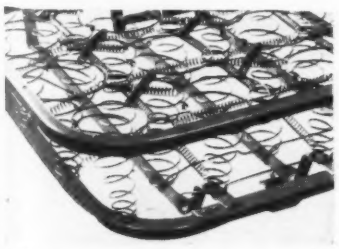
MRS. JOHN WANAMAKER III

BED ENSEMBLE *in Mrs. Wanamaker's home, as attractive as comfortable! The marvelous Simmons Beautyrest Mattress—already in over 700,000 American homes—is amazingly resilient with strong, upstanding sides. Damask covers, choice of two patterns, six colors. Simmons Ace Box Spring matches Beautyrest in damask covering, integrity of construction, comfort, finish. Mahogany-finished Windsor Bed from Simmons, No. 1590.*

MRS. JOHN WANAMAKER III *has all the qualities that make the woman of today so charming, so able; an informal cordiality of manner, keen judgment and the flair for affairs which characterize the famous family into which she married.*



Inside the Beautyrest—the superior inner coil structure makes this mattress supreme! Hundreds of finely tempered coils closely packed in separate pockets extend to edges and are stitched firmly in place. Thick upholstery and damask covers—choice of six colors, two designs.



The Ace Open Coil Spring—sturdily constructed, low in price. Hundreds of closely placed coils insure marvelous resiliency; special banded border protects sheets.

THE HOME of Mrs. John Wanamaker III in Ardmore, just outside of Philadelphia, has the gracious air of mingled beauty and comfort typical of America's finest homes.

For this lovely bedroom, to match the dignity of her old Colonial pieces, Mrs. Wanamaker chose a Simmons mahogany-finished Windsor Bed, No. 1590, and fitted it with the mattress and spring which women everywhere find so much more comfortable.

Of her Simmons Beautyrest Mattress and Ace Box Spring Mrs. Wanamaker says, "They're simply matchless—such soft upholstery! And so attractive looking with their trim, upstanding sides. Their damask covers are the final touch of perfection."

After years of research the Simmons Company has perfected the marvelous Beautyrest Mattress with an inner coil construction that is extraordinarily resilient. The buoyant Ace Box Spring boasts the same integrity of construction.

In furniture and department stores, Simmons Beautyrest Mattress, $39.50; Ace Box Spring, $42.50; Ace Open Coil Spring, $19.75; Beds, $10.00 to $60.00; Windsor Beds, $12.00 to $25.00. Rocky Mountain Region and West, slightly higher. Look for the name "Simmons."

SEND 10c to the Simmons Company, Dept. A-9, 666 Lake Shore Drive, Chicago, Ill., for "Bringing Beauty and Comfort to the Bedroom," a book with photographs of bedrooms of distinguished women, and ideas for home decoration.

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SIMMONS

World's largest makers of BEDS · SPRINGS · MATTRESSES

BERKEY & GAY FURNITURE

Furniture's Proudest Coat-of-Arms

Inset in every Berkey & Gay piece — your protection when buying — your pride ever after.

LIKE MUSIC FROM THE BOUDOIR OF ANTOINETTE

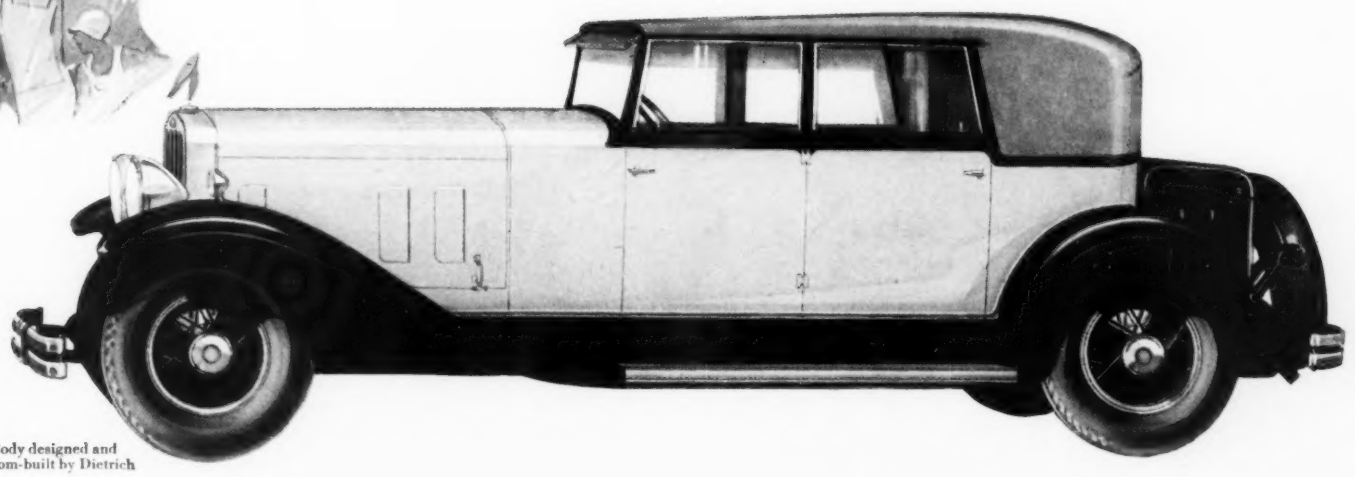
It is natural that polite interest . . . today . . reverts rather wistfully to the gay and exquisite courts of the Louis' . . . No past age so perfectly mirrors the mood of our own . . . its vivacity, its wit, its graceful and sparkling *joie de vivre* A spirit which Berkey & Gay have captured in a wide selection of fashionable new French suites and individual pieces now shown in the leading stores . . . Charming things that are complimentary to so many different decorative motifs and types of architecture . . . and typical of Berkey & Gay's extensive Autumn display of advanced styles.

Berkey & Gay Furniture

BEDROOM , , DINING ROOM , , LIVING ROOM

Berkey & Gay Furniture Company, Grand Rapids, Michigan: Founded 1853. New York Wholesale Showrooms, 115 West 40th Street

The new SPEEDSTER *by Franklin*



Body designed and custom-built by Dietrich

The Season's Smartest Sport Car

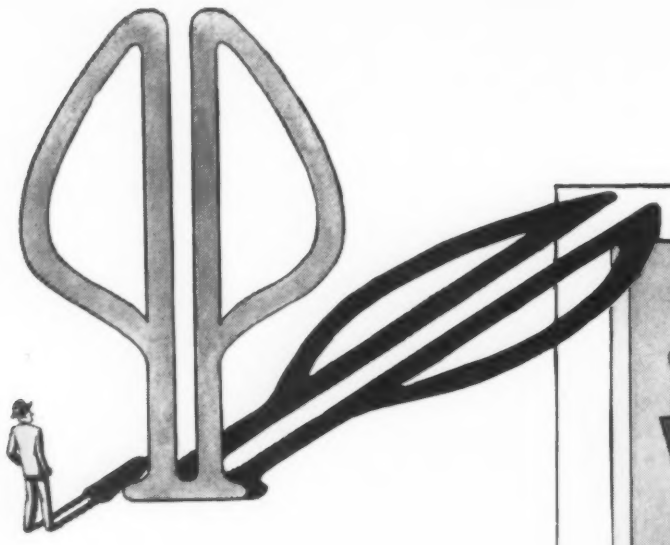
IF you ever have a feeling of wanderlust—the feeling of youth which takes you away from congested city streets. If you understand the language of the great outdoors—if autumn is your season, with its multi-colored hills and valleys, its cool, carefree breezes. If you sometimes feel like just going—*anywhere*—fast—then the Franklin Speedster has been created especially for you. It expresses *your taste* in motor cars, smartly, distinctively—in the modern mode.

The Speedster is from the line of aristocratic Franklin cars. In style—in comfort and in performance Franklin is a distinct leader. Its air-cooled engine—40% more powerful than last year—is the power plant of that newer generation which travels the pathway of the skies. When a motor car has performance credentials like Franklin's—*all major road records captured in one year*—you are anxious to take the wheel of that car. To experience the unique *airplane feel* . . . to relax to the comfort of full-elliptic springs . . . to be thrilled by the swiftness of acceleration which dashes ahead at the flash of green—and wins traffic duels.

Drive a Franklin—The Speedster or any other model. You will instantly prove to yourself that Franklin performance and comfort are unsurpassed. FRANKLIN AUTOMOBILE COMPANY, SYRACUSE, NEW YORK.

Speedster, $3375 • Sedan types, $2180, $2485, $2775 • prices f.o.b. factory

FRANKLIN



"I rather like this idea of a breakfast nook"

"Was I right?"

"Always right, sweetheart. It looks even better than I hoped it would."

"The carpenters thought it was a good job, too."

"I know it. Didn't Mr. Williams say we must have known something about lumber when we specified Pondosa?"

* * *

In days that, happily, are past, it was impossible for a home owner, architect, or builder to identify any particular kind of pine. With electrical equipment he had no difficulty. With plumbing and heating equipment, the maker's imprinted name stood as a guarantee of quality. But lumber was generally sold without any distinguishing marks.

But today Pondosa Pine can be completely identified by means of the pine tree trade-mark which is imprinted on the lumber at the mill. This is the maker's indorsement of its suitability for any soft wood building requirement. For molding, screens, sash, doors and other mill-work, for any built-in features, Pondosa Pine is ideal.

There is a plentiful supply of this good lumber in the Inland Empire . . . and each stick is graded, milled and seasoned by rigid standards. It comes ready to work, ready to respond to saw and plane, ready to finish up with a clean, beautiful surface. That finish will retain its beauty and luster many years after the work has been done.

Pondosa Pine may be had at your local lumberyard. Look for the mark of the pine tree. Western Pine Manufacturers Association, Portland, Oregon.

Pondosa Pine

The Pick o'the Pines

G·R·A·C·E

full worthy of each PERIOD'S *best·*

UTILITY

zealous of complete perfection·

BUILDERS' hardware plays a dual role in life. Its duty is to fill its useful purpose, to open the door to master and friend and secure it against him who would unlawfully enter in. Its privilege is to ornament and enrich. Russwin hardware plays both parts surpassingly well. Rugged and strong, it renders faultless practical service. Beautiful of lineament and proportion, it lends a final touch of rightness to the decorative theme.

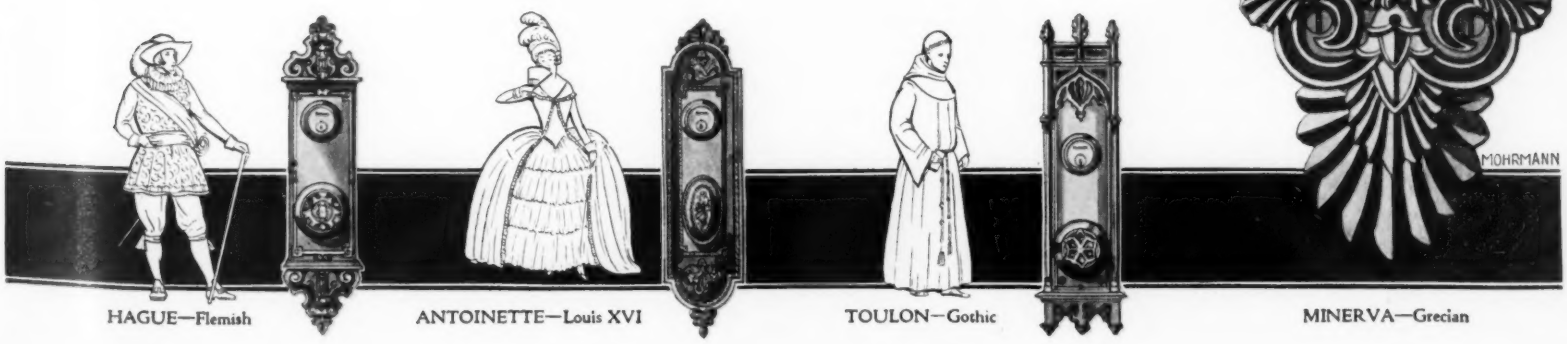
* * *

Every great artistic period is authentically expressed in Russwin patterns. The Grecian is there in pure Attic beauty, the Roman, the Gothic, and all the others through the Colonial to the Modern. Whatever you seek you will find, and whatever you use will give long years of trouble-free service.

See pages 2519-2598 for a catalogue of Russwin Hardware

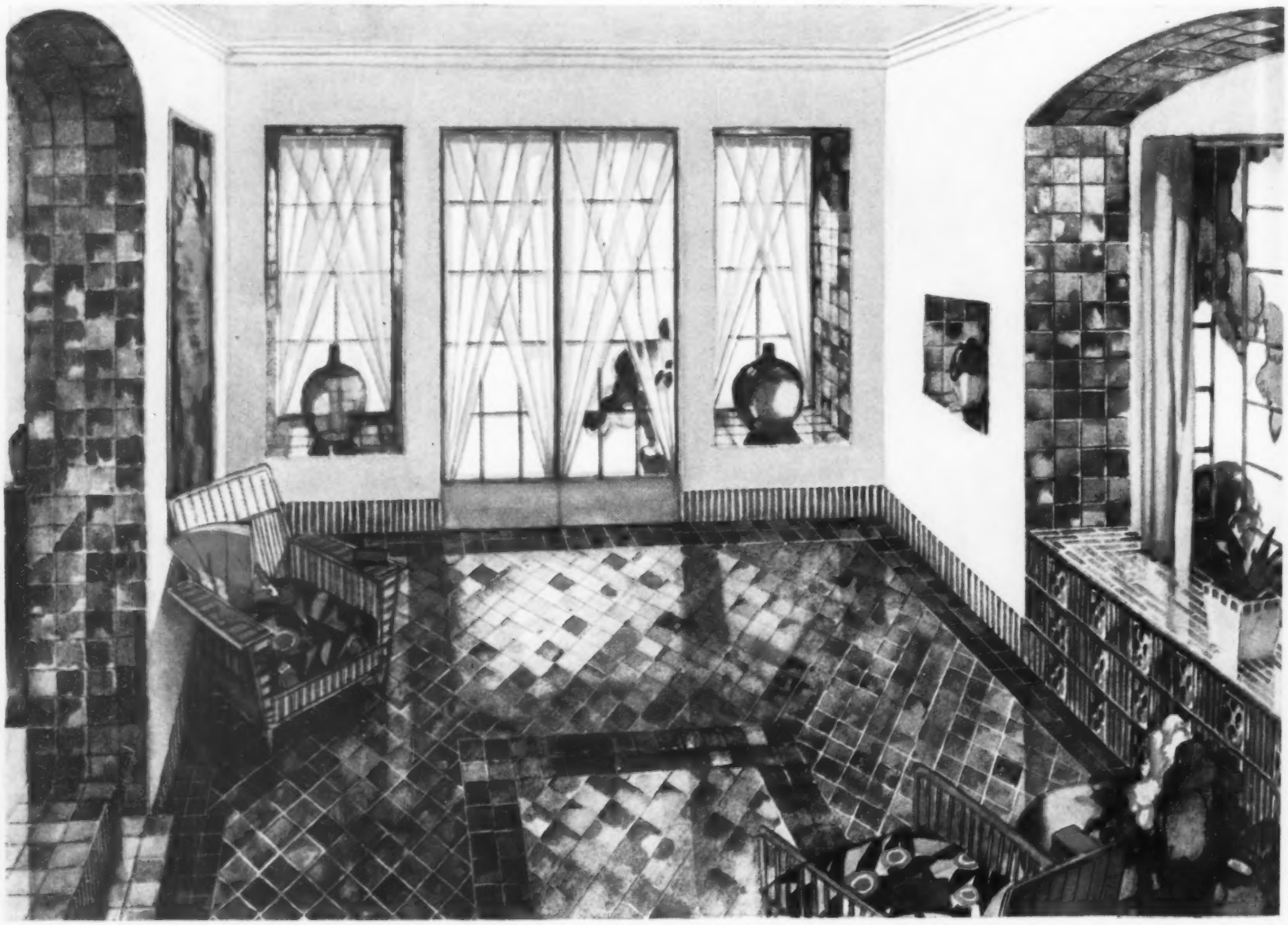
RUSSELL & ERWIN MANUFACTURING COMPANY
THE AMERICAN HARDWARE CORPORATION, *Successor*
NEW BRITAIN, CONNECTICUT, NEW YORK, CHICAGO, LONDON

R&E SINCE 1839
RUSSWIN
~~RUSSELL & ERWIN~~
DISTINCTIVE HARDWARE
Hardware that lasts ~ Base Metals of Bronze or Brass



HAGUE—Flemish ANTOINETTE—Louis XVI TOULON—Gothic MINERVA—Grecian

JULIUS GREGORY
has designed this Brilliant Sun Room
to express the decorative interest of REAL TILES



In this radiant sun room by Julius Gregory, Keramic Tiles, in rich blues and greens, gleam iridescent in the sunlight from floor, from window recesses; from doorway arch and wall niche

FOURTH OF A SERIES *of distinguished rooms designed with Keramic Tiles . . . by America's leading architects*

Who would not welcome the sun in a room so beautiful, so radiant with color?

Here, Keramic Tiles in rich blues and greens heighten the cheerful spirit of the room and form a perfect decorative foil for the plain, tinted walls.

All day long, in the changing light of the sun room, Keramic Tiles contribute interest, variety, and contrast. In bright sunlight they display a lovely, unexpected iridescence — in shadow, their colors deepen.

What other decorative medium so successfully creates the atmosphere you strive for in the sun room — making it a place of simple beauty, at once restful and invigorating? Architects, realizing the appropriateness of Keramic Tiles, more and more are using them for these many-windowed rooms where sun and light have free play. And there are equally fascinating possibilities in Keramic Tiles for other rooms in your house.

Let us send you — free — our illustrated booklet, *Enduring Beauty in your Home through Keramic Tiles.* It will give you many interesting facts and suggestions about the new ways in which Keramic Tiles are being used in beautiful homes throughout America. Write to us today!

ASSOCIATED TILE MANUFACTURERS
Dept. H-9, 420 Lexington Ave., New York, N. Y.

K E R A M I C T I L E S

Residence, Birmingham, Alabama. Miller & Martin, Architects.

WALLS NO LONGER NEED BE SOLID STONE

New methods of preparing and using Indiana Limestone make this beautiful natural product available at low cost

THERE has been an interesting new development in the stone industry which makes it economical for you to use genuine, quarried natural stone for your new home.

Shot-sawed Old Gothic Indiana Limestone Random Ashlar is produced in strips at the quarries and then shipped direct to the building site. There it is broken to lengths of the sizes shown here and used either as a structural facing, or only as a veneer, just as brick, stucco or wood is so often used.

Residence under construction.

The cost of completed home is only 5% to 6% more than if other less desirable materials were used. Let us send you all the facts. Fill in, clip and mail the convenient coupon below.

Box 750, Service Bureau, Bedford, Indiana.

Please send literature and full information regarding Indiana Limestone Random Ashlar.

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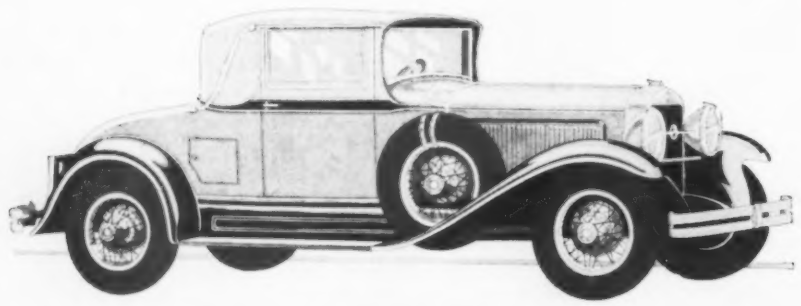
INDIANA LIMESTONE COMPANY, *General Offices:* Bedford, Indiana · *Executive Offices:* Tribune Tower, Chicago

OUT OF ITS SPIRIT GREW ITS STYLE

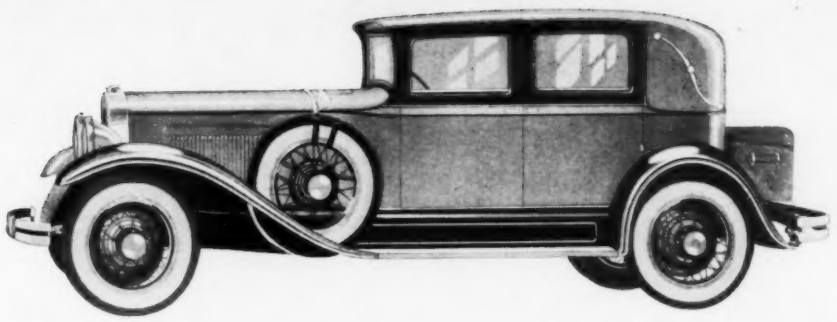
The youthful, clean-lined vigor of Studebaker's coachcraft was inevitable....and is irresistible!

The Commander Victoria for four provides individual chairs for driver and companion; lounge seat for two extra passengers. Sociability is furthered, without crowding. Upholstery is of soft, fleecy mohair. Luggage compartment in rear. A very popular Studebaker for professional or personal-social usage. Commander Eight Victoria, $1525; Commander Six, $1375.

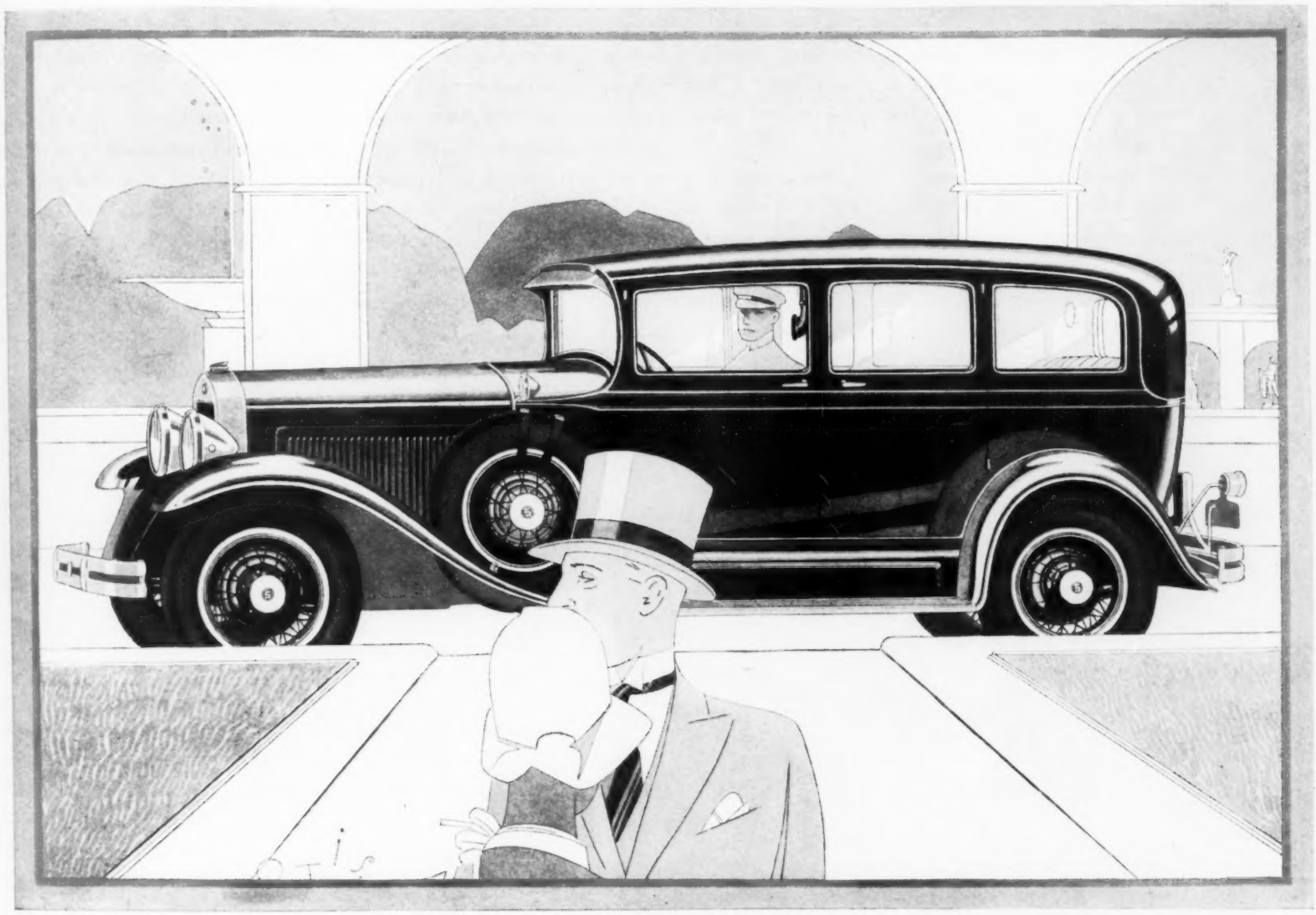


The Commander Convertible Cabriolet for four—an open roadster or closed car, just as you wish. Two are seated in the lounge and two in the commodious rumble. Windows may be raised or lowered with top up or down. Six wire wheels and trunk rack are standard equipment. Priced at $1645 for the eight, $1495 for the six.

THERE is no sham to the look of tireless fleetness borne by these great straight eights and sixes by Studebaker, Builder of Champions. Among them, these spirited cars hold undisputed *every* official stock car record for speed and staying power. ¶ With such inspiring performance to quicken their imaginations, is it to be wondered that Studebaker designers were able to create the graceful masterpieces of coachcraft which today wear so proudly the shield of Studebaker? ¶ Nor is youth alone served, though world champion swiftness and keen-tuned style would seem to favor



The President Eight Brougham, somewhat more companionable and smarter than the conventional Sedan, provides ample roominess for five. Upholstery of Broadcloth or mohair. Folding center arm rest in rear seat. Individual hassocks replace usual foot rest. Six wire wheels and fitted trunk are standard. Priced $2350.



The President Eight State Limousine, most luxurious and impressive of Studebaker's fifty-nine models, offers the utmost in comfort and dignity. A movable glass partition isolates the driver's compartment when desired. Upholstery is broadcloth or mohair, with front in genuine Morocco grain leather. Houdaille hydraulic shock absorbers. Six wire wheels and luggage rack are standard. Priced $2575.

those young in years and in spirit. Travel ease, too, of a sort unknown to motoring until pioneered by Studebaker, has its source in ball bearing spring suspension, powerful hydraulic shock absorbers and double-decked upholstery springing. ¶ With such excellence offered at One Profit prices, public recognition has quite naturally been swift . . . as expressed in Studebaker's world leadership in the sale of eight-cylinder cars.

All prices at the factory. Bumpers and spare tires, extra.

STUDEBAKER

Builder of Champions

DWIGHT JAMES BAUM
tells how he *Banished* the SHADOW OF RUST from his own home

"THE reason why I specify non-rustable materials for every house I build is a simple one: I know what happens when the house is *not* rust-proof—I know it only too well from my own experience.

"When I built my house in 1912, brass pipe was not as popular nor as reasonable in price as it is today, so I used ordinary pipe for both the hot and the cold water lines.

"It was all right for several years. Then the water began to run brown—the ugly, characteristic color that says 'Rust is in the pipe.' We didn't exactly relish bathing in or drinking stained water . . . After a while the water commenced to run slower and slower, and soon the flow was reduced to an exasperating trickle . . .

"Well, there was no help for it! There was only one thing to do. We ripped every bit of rusted pipe out of the house. I still preserve a piece of it at the office in my 'Chamber of Horrors.' It's a pretty sight, indeed—nearly *clogged* with rust deposits.

"It cost me (at architects' prices) $1500 to have this pipe ripped out. For weeks my house was unfit to live in. I had to replace tiling and floors. And yet it was worth the cost and trouble—worth it to get rid of rust forever.

"I installed Anaconda Brass Pipe throughout, and since then rust has been but a memory. Day in and day out, winter and summer, the water flows in full volume as clear and clean as it enters the pipe . . .

"That is why I can be very sincere in my recommendation: Every house—large and small—should be equipped with brass pipe." —DWIGHT JAMES BAUM

Is Mr. Baum's experience unusual?
Not at all—investigation shows.

Investigation shows that, on the average, the Shadow of Rust makes itself felt before seven years are up. It comes inevitably. It is *bound* to make trouble, and to give expense—in *your* house just as it did in Mr. Baum's . . .

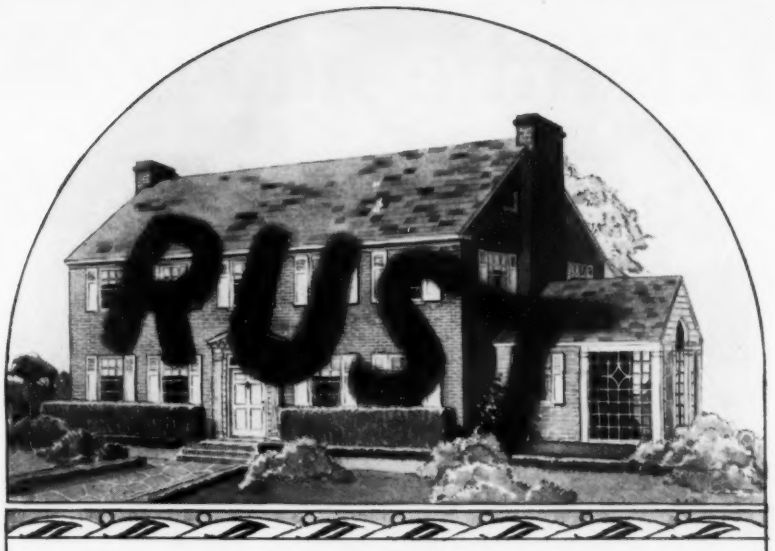
And rust makes trouble not only in the water pipe, but also on the *outside* of the house—in the gutters, rainpipes, and roof-flashings . . .

The chart on the right was prepared from authoritative sources to give you a fact for fact picture of what happens when rust is in the house. It shows, too, the remarkable dollars-and-cents economy of rust-proofing the house with Anaconda Brass Pipe and sheet metal work of Anaconda Copper . . . Read this chart carefully, then clip it and keep

DWIGHT JAMES BAUM—*one of the most brilliant of the younger architects, Member of American Institute of Architects, American Federation of Arts, Architectural League of New York. Winner of Fellowship in Architecture, Syracuse University. Winner of the gold medal of the Architectural League of America—1923.*

ANACONDA COPPER

"THE SHADOW OF RUST" *comes — certainly, inevitably—to the house that is not rust-proofed. The chart on the right shows—with facts taken from the experiences of architects and house owners—what happens when this shadow falls. It shows, too, why the use of Anaconda Copper and Brass is always a* wise *investment.*



it. When you buy, build, or remodel a home, the information will be a real help to you.

Discuss the facts with your architect, plumber and sheet metal contractor. The majority will recommend Anaconda products because they are fully guaranteed by the world's

Mr. Dwight James Baum's house at Riverdale, N. Y. This house is completely equipped with Anaconda Brass Pipe... Gutters, leaders and roof flashings are made of Anaconda Copper.

largest manufacturer of copper, brass and bronze. A single organization with more than a hundred years' experience is responsible for every process of mining and manufacturing. Every length of Anaconda Brass Pipe is stamped "Anaconda" as is every Anaconda Copper Sheet used in the manufacture of gutters and rain-pipes.

Send for "The Home Owner's Fact Book"

This new book by Roger Whitman, well-known building economist, is not restricted to rust-proofing, but deals with important facts concerning the planning, financing and maintenance of the home. It is simply and interestingly written, and it contains *vital* information for the home builder and house owner. It will be sent upon receipt of 25c ... The interesting booklet, "Rust-Proofed", will be mailed *free* on request. Send for your copy now! Please address The American Brass Company, Department H-9, Waterbury, Connecticut.

A comparison, looking years ahead

"How can rust affect my house?"... To answer this important question the chart below has been prepared. It shows—fact for fact—what happens in a house where rustable materials have been used, compared with a house that is proof against rust. (*The figures quoted in the chart apply to the average $15,000 house. They have been gathered by thorough investigation.*)

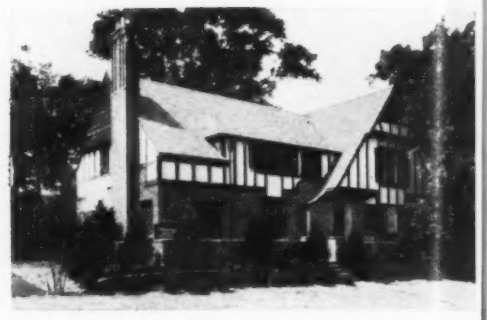
Rustable Water Pipe	*Anaconda Brass Pipe*
Low initial cost.	Somewhat higher initial cost.
Iron or steel pipe rusts.	Brass pipe can't rust.
Water from rusty pipe is disagreeable for drinking; stains laundry.	Water from Brass pipe always flows clear, fresh, sparkling. No rust stains.
Rusty deposits clog up the pipe; reduce flow of water; slow up washing and bathing.	No rust-clogging. Pipe always clear. Water always at full pressure, upstairs and down.
Pipe leaks caused by rust may flood house or cellar. May damage ceiling, walls or furniture.	No leaks from rusting. No damages from flooding. No worry over hidden rust trouble!
Rust-clogged pipe has to be repaired or replaced.	No expense for rust-repairs or rust-replacements. Ever!
Higher eventual cost—due to repairs and replacements.	Substantial saving (about $400 during the first 14 years).
Rusted pipe is a disadvantage in selling the house.	Anaconda Brass Pipe gives the house higher resale value.
Rustable Gutters & Rainpipes	*Anaconda Copper Rainpipes*
Low initial cost.	Slightly higher initial cost.
Because they are constantly exposed to weather, they rust *quickly*.	Copper gutters, rainpipes and flashings can't rust—no matter how many years they are exposed.
Water seeping through rust-holes may cause damage to house.	No rust-holes; consequently no damage from seeping water.
Replacement necessary after five to eight years, or even sooner.	No rust-replacement ever necessary with copper.
Higher eventual cost—due to repairs and replacements.	Substantial saving (about $335 during the first 14 years).

R AND BRASS *Can't Rust*

Lifetime materials for 3 new homes at famous Westchester-Biltmore

Concrete, brick, stone, sound timbers, and the NEW RIBBED STEELTEX for reinforcing plaster walls and ceilings make this home of Mrs. Frank Gaynor, Westchester-Biltmore Country Club, Rye, N. Y., as permanent as it is beautiful. One of the eight houses built or under construction by Thomas W. Gotti, 506 Main St., New Rochelle, N. Y., in each of which lasting wall-beauty is assured by the NEW RIBBED STEELTEX.

Home of L. Ward Prince, Westchester-Biltmore Country Club, Rye, N. Y. The builder, Thomas W. Gotti, used the NEW RIBBED STEELTEX for reinforcing all interior plaster walls and ceilings in order to make this home lastingly livable and lastingly valuable. The NEW RIBBED STEELTEX will bring this same protection economically to even the modest home.

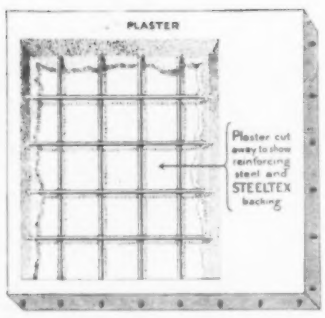


Mr. Gotti's architect, Richard W. Buckley, Mamaroneck, N. Y., approved the NEW RIBBED STEELTEX for this as well as for the two other homes in Westchester-Biltmore pictured on this page. The importance of repair-free permanent beauty in walls and ceilings makes the NEW RIBBED STEELTEX practically a necessity in all modern construction; its economy solves the wall problem for any home, no matter how modest.

Progressive builder insures permanent wall-beauty with the New *Ribbed* STEELTEX

Do as shrewd owners do, when you buy or build. Be sure to get lifetime materials. Ask the men who build for you to insure lastingly beautiful walls and ceilings. Have them add permanent value by strengthening your plaster—*from within*—against strains.

In these exquisitely beautiful homes in exclusive Westchester-Biltmore Country Club, Rye, N. Y., as in many others from coast to coast, the NEW RIBBED STEELTEX puts steel on guard within the plaster. Used in place of lath, STEELTEX reinforces the whole plaster panel with a completely embedded network of steel, and brings the protection builders have sought for years.



WHAT IS REINFORCED PLASTER? — Reinforced plaster is plaster strengthened with embedded STEELTEX. Protecting against strains in all directions is a network of rustproofed steel. Attached to the steel is a tough absorptive fibrous backing. When plaster is spread, it slides under the steel network, smooths out against the backing, and then additional plaster is spread over the steel. The resulting plaster slab is smooth in back as well as in front, with the steel embedded between. Thus the principle of *embedded steel*, that is used to strengthen great concrete structures, has been brought within easy reach of the everyday home of even the most modest proportions.

Every modern home needs this modern wall-permanence

This embedded network acts like a series of small steel trusses. It distributes the strains. It does not allow the strains to concentrate at any one point. It brings the utmost possible permanence to the beauty and the value of your walls and ceilings. And it is very inexpensive to use.

Our researches, begun over eight years ago, to make plaster a permanent wall and ceiling material, resulted in reinforcement bases which are safeguarding plaster and stucco in more than a quarter of a million beautiful homes and substantial business structures. Now the same protection is brought within easy reach of even the modest home, by the NEW RIBBED STEELTEX.

Due to its new V-shaped stiffening rib, the NEW RIBBED STEELTEX has extreme rigidity. This insures ease and speed of installation, which in turn means lowered building costs.

Are you going to own a home? Our free book, *Better Walls for Better Homes*, gives full information about the economy and lasting value of reinforced plaster which STEELTEX alone can provide. Write for a copy.

National Steel Fabric Company

DIVISION OF
Pittsburgh Steel Co.
Union Trust Bldg. Pittsburgh, Pa.

PERMANENT STUCCO, TOO, WITH STEELTEX — If you build of stucco, as so many people do today, almost the whole impression your home makes will depend upon stucco. Building with "STEELTEX-for-Stucco" is the recognized modern method in every part of the country. It combines the permanent beauty of steel-reinforced construction with the comfort and healthfulness of insulating, dampproofing, and sound-deadening, due to its heavy durable water-proofed backing. "Overcoating" old houses may now be easily and inexpensively done with STEELTEX-for Stucco.

There are four types of STEELTEX—all with the same principle and the same protection. (1) The NEW RIBBED STEELTEX for Plaster. (2) STEELTEX for Stucco and Overcoating. (3) STEELTEX for Brick or Stone Veneer. (4) STEELTEX for Floors and Roofs (concrete and gypsum).

the New *Ribbed* STEELTEX

"BUILDS LIFETIME WALLS AND CEILINGS"

That Difficult September Morning

...when your wife says,

"Hadn't you better start the fire?"

When you have cherished the hope that warm weather would continue at least a month longer so you could save fuel and cut down your cost of heating. ✕ ✕ When a sudden snappy morning and your wife's words make you realize that your hope was all in vain. ✕ ✕ Suppose you had a boiler so efficient that you *could* start the fire a month early and *still* cut down your cost of heating. ✕ ✕ Wouldn't that put a different complexion on the situation? You bet it would!

And the New Smith "16" Can Do It!

ALL BOILERS look alike. It is how they are made that makes the difference. Efficiency features cost money, but they save their cost over and over again. You pay for your boiler only once. But you pay for fuel every year—that's where the saving can be made.

The efficiency of the boiler is the prime factor in the cost of heating, and is even more important when you burn oil or gas than when you burn coal. Oil and gas make hotter fires—give off more heat units per minute—put a greater tax on the boiler's efficiency.

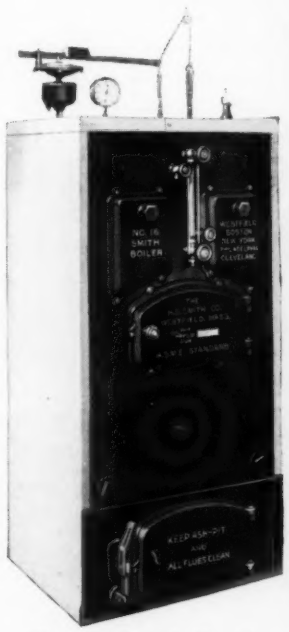
A boiler is efficient or inefficient on two counts. First, in burning fuel. Second, in absorbing heat from the fuel burned.

If the boiler burns only 75% of the gases liberated, allowing 25% to escape up the chimney unburned, and if it absorbs only 75% of the heat from the gases burned, allowing 25% to escape up the chimney unabsorbed, its efficiency is only 56¼%. These figures do not exaggerate common occurrence.

Taking this into consideration, together with the fact that the average yearly fuel bill runs from one-half to the full cost of a boiler, it is evident that an efficient boiler will save enough on the cost of the fuel to pay for itself every three or four years—a saving that will buy radios and automobile tires, and silk stockings and many other things.

Fact—Not Dream

This is not a dream we are talking about. We are talking facts. The cost of heating even when on an efficient basis is one of the largest items in running a house. Whether you now have an inefficient boiler or are going to build and want to avoid installing one—you owe it to yourself to go into this subject carefully. Ask any good Architect, Engineer or Heating Contractor about H. B. Smith Boilers in general and the New Smith "16" in particular.



The New Smith No. 16

A BOILER IS EFFICIENT OR INEFFICIENT ON TWO COUNTS
1. In burning Fuel—
without Fire Brick Lining or auxiliary Air Supply.....
(Narrowed Fire Area)
75% EFFICIENT
with Fire Brick Lining and auxiliary Air Supply.....
(Full Grate Fire Area)
100% EFFICIENT
2. In absorbing Heat-
Narrow necked funnel wastes water... as too little FIRE SURFACE wastes HEAT.....
.....With wide necked funnel—no water flows over the top..With plenty of FIRE SURFACE no heat is wasted up the chimney

Send for our free book

It would take far more space than is available here to explain the value of the many efficiency features incorporated in the New Smith "16"— features that insure efficient burning of fuel and efficient absorption of heat. But let us send you a copy of our new booklet, "The Smith 16" which will give you an idea of their importance and value. The amount of money you can save is far too great not to get the facts about how you can save it. Simply mail the coupon below and the book will be sent you free of charge and with no obligation to you.

THE H. B. SMITH CO.
Dept. K-24.
Westfield Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two books, and details of the New Smith No. 16.

Name.....

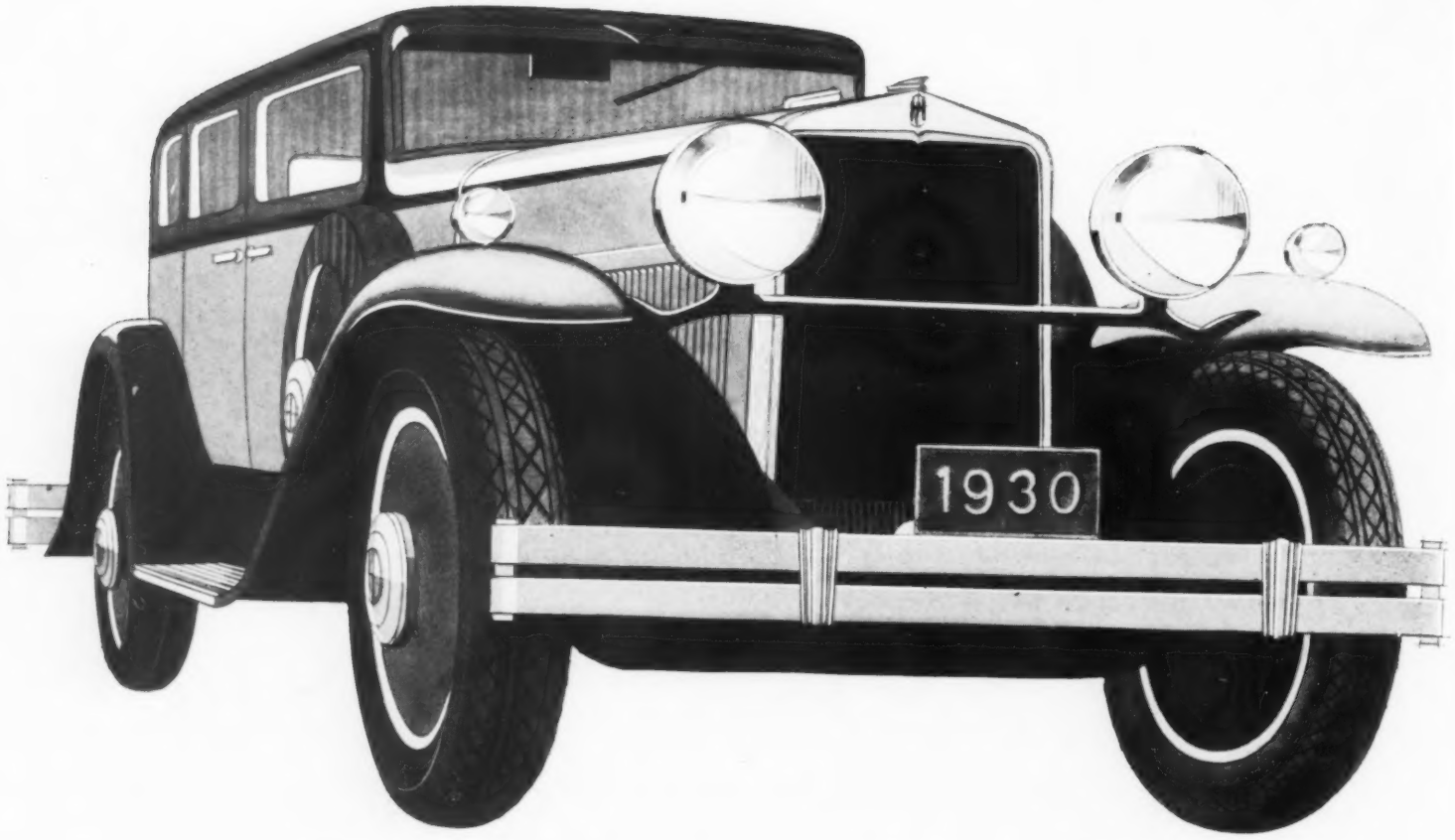
Street.....

City..... *State*.....

THE H·B·SMITH
BOILERS & RADIATORS
Used in fine homes and buildings since 1860

The H. B. Smith boilers for steam, hot water and vapor heating radiators; and hot water supply boilers; for factory and public building

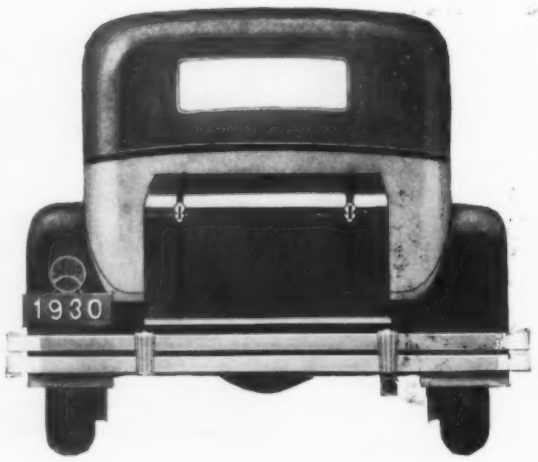
"THE GOAL OF YEARS HAS BEEN ATTAINED"



THE·1930·HUPMOBILE·SIX

PRICED WITHIN THE THOUSAND DOLLAR FIELD

It has long been the ambition of Hupp engineers to build a Hupmobile at a price within the thousand-dollar class. . . . But each year they have said: "Let's wait a while. Let's wait until we can build, not just another automobile, but a greater Hupmobile. A car that will heighten and increase Hupmobile's 21-year prestige." . . . Today, this goal of years has been attained — in the new 1930 Hupmobile Six. . . It is a car which Hupp is proud to call a Hupmobile, because it is a Hupmobile in every detail of its design and construction . . . It is powered by the selfsame Hupmobile motor which made the Hupmobile Century Six the most spectacular success in Hupmobile history . . . *It is* 100% *a Hupmobile* — but a more powerful Hupmobile. With its time-tested Hupmobile engine made still smoother and sweeter running . . . *It is* 100% *a Hupmobile* — but a handsomer Hupmobile. Made still smarter by further advances in Hupmobile's innovation of tailored sheet metal and by new, lower-swung and dashing lines . . . *It is* 100% *a Hupmobile* — but a still sweeter riding and driving Hupmobile. Made more comfortable by more seat and leg room and by many engineering refinements, adding to speed, safety, ease of control and restful traveling . . . Hupmobile's long renown as "The Car of the American Family" takes on a new significance today.



HIGHLIGHTS OF THE NEW 1930 HUPMOBILE SIX

70 miles per hour . . . 70 horsepower. Acceleration from 5 to 25 miles per hour in 7 seconds; 5 to 50 m.p.h. in 20 seconds . . . The famous Hupmobile Century Six engine improved with counterweighted crankshaft and rubber-cushioned engine mountings; minimum vibration at any speed . . . Improved 4-wheel Hupmobile steel-draulic brakes . . . Non-glare slanting windshield, full ventilating type . . . A big car, 50¼ inches across rear seat, 49 inches across front seat . . . Unusually generous head room . . . Further advancement of Hupmobile's introduction of tailored sheet metal concealing all chassis attachments . . . New 6-inch chromium hub caps with concealed hub bolt . . . New front fender parking lights of same design as headlights. Custom equipment — 6 wire or disc wheels, two spare side-mounted in fender wells . . . available at slight extra cost.

AMRAD Bel Canto Series

"The FINEST TONE IN RADIO"

The DUET

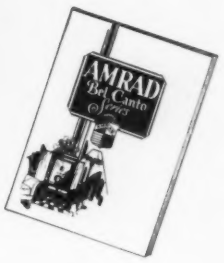
Radio and phonograph combination built of rare and precious woods: Laurel from East India, Macassa Ebony, Oriental Walnut and Maple are combined in this richest of cabinets. Door pulls are of oxidized silver and the escutcheon plate is of silver with a design in scarlet and blue.

Priced at $495

The Amrad chassis designed for new shielded grid tubes in three stages, uses eight tubes including the powerful 245 power tubes in push-pull. Extremely sensitive; simple in operation and selective—with illuminated calibrated dial.

WRITE FOR THIS BOOK

Upon request we will be glad to send a handsomely illustrated brochure, in four colors and gold, giving full detail of the 1929 Amrad line.



The ARIA

Beautifully proportioned console of butt walnut and African walnut veneers. Contains standard Amrad shield grid chassis and built-in full Dynamic Speaker.

Priced at $198 (less tubes)

IN the new Bel Canto Series, AMRAD brings to radio a new artistry of line . . . . a new brilliancy of tone . . . . a new fidelity of reproduction . . . . a new measure of intrinsic value . . . . that make it an outstanding achievement.

In their exquisite form and finish, you behold the intangible beauty of which true heirlooms are born. Thrilled by the magic of their gloriously rich yet tender tone—you realize for the first time how far radio has traveled in its brief span of years. In faintest whisper or crashing crescendo—you hear not merely life-like reproduction, but melody more brilliant, more dynamic than the original itself.

When you compare how much more AMRAD offers in these notable models of the Bel Canto Series, you can find no valid reason for denying yourself the golden hours of radio's greatest gift.

THE AMRAD CORPORATION

Medford Hillside, Mass.

J. E. HAHN
President

POWEL CROSLEY, JR.
Chr. of the Board

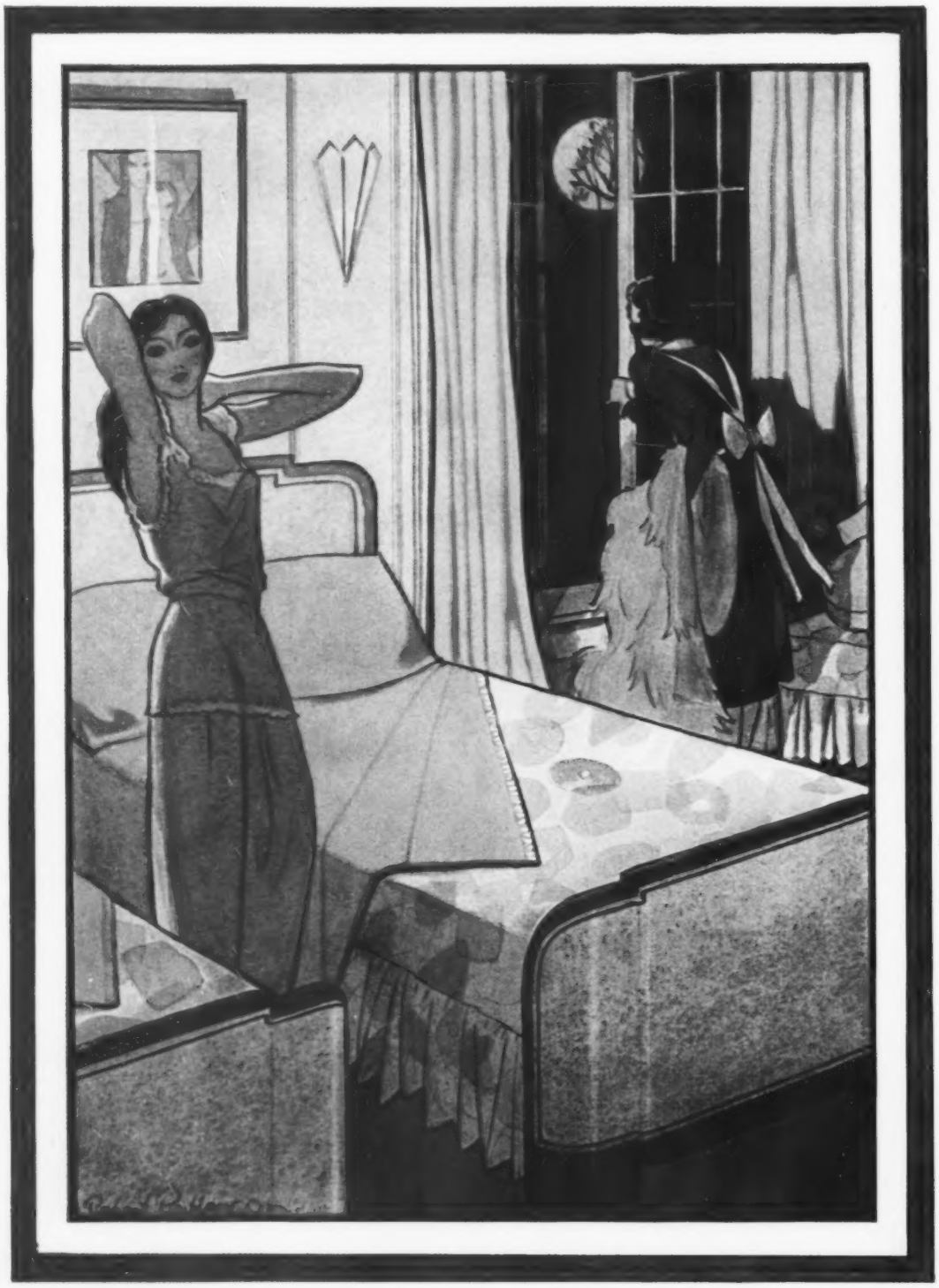
The SERENATA

This richly beautiful, sliding door art moderne console of fine diamond matched Walnut, inlaid with Ebony, and panels of curly Maple. Contains the Amrad eight-tube shielded grid chassis, extra heavy, with two 245 push-pull power tubes. Built-in RCA full Dynamic Speaker mounted on baffle.

Priced at $245 (less tubes)

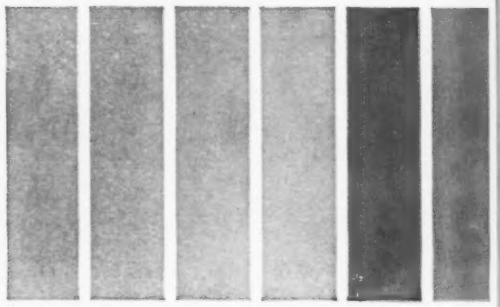
Prices slightly higher west of the Rockies.

SATISFYING WARMTH FOR CRISP FALL NIGHTS AND THE COLDER ONES OF WINTER

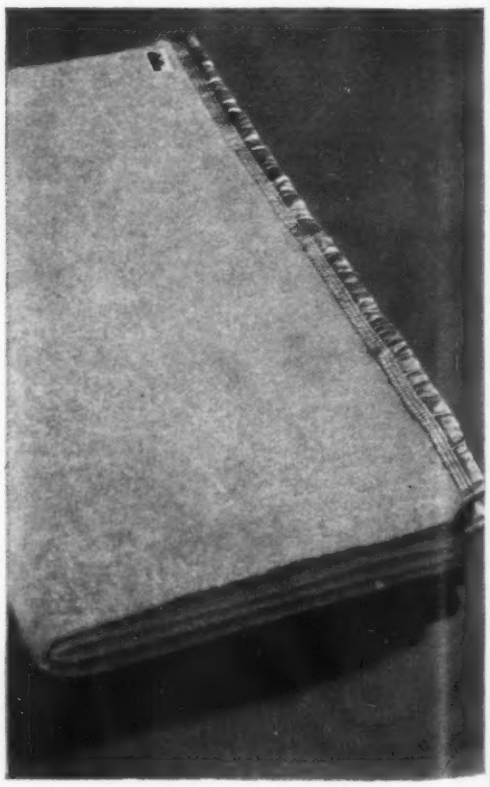


OLD TOWN BLANKET

Look for the Old Town label



The CALEDONIA *may be had in any of these six smart modern colors*



LAVENDER—*the* CALEDONIA

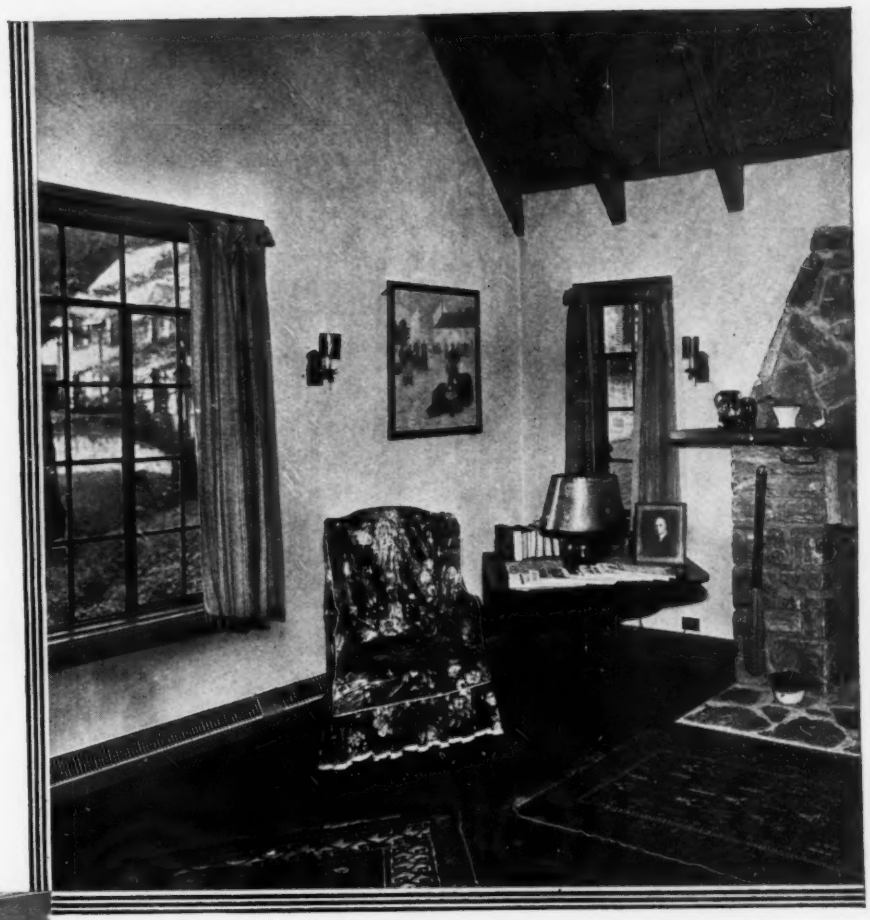
LOVELY, pure all-wool blankets to harmonize with your bedroom will help renew the charm of your home. The *Caledonia* is an Old Town Blanket made in the smartest, modern, solid colors—pastel tints. You have probably selected one of these same colors for your bedroom draperies, bureau scarf and colored sheets. With this blanket, you can complete the ensemble.

Not only is the *Caledonia* beautiful. It is a single blanket of soft, pure wool. Its nap is long and fluffy . . . it is this quality which makes it both light in weight and warm. Yet so strong is the fiber of which it is woven that its thick nap will remain after many seasons' launderings.

Bound with broad satin ribbon, the *Caledonia* looks and feels luxurious. Women everywhere have found it so, for their purchases of this and other Old Town Blankets keep the mills running night and day. With production so efficient, *Caledonia* can be sold reasonably. . . . You can buy it, in the color you prefer, for $12.

There are other Old Town Blankets at prices ranging from $5 to $15. Both single and double blankets, made of pure all-wool, and camel's hair blend and wool. On all of them is sewed the Old Town label. You will find them at the better shops, and at department stores. If your dealer cannot supply you, write direct to us, mentioning his name. Address the Old Town Woolen Co., Inc., 456 Fourth Avenue, New York City. *Mills at Old Town and Guilford, Maine.*

A NEW AND MORE PRACTICAL RADIATOR



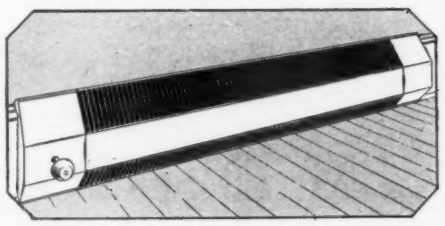
FOR NEW HOMES AND OLD....

A NEW radiator—a modern radiator with many unusual features. It allows three methods of installation—attached to baseboard—partially recessed—entirely recessed within the wall. It distributes heat more efficiently. Inexpensive to install in new homes or in place of present radiators.

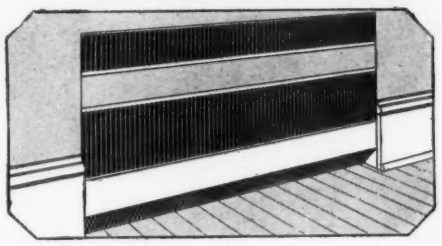
In the above photograph the Richmond Floorline Radiator is shown attached to the baseboard—yet note how inconspicuous it is. Only eight inches high, three and one-half inches deep. No exposed piping. Thus you have unlimited scope for decorative schemes and furniture placement.

Heat is projected at the floor level—where it is most needed and most efficient. Better distribution of warmth is further insured by the greater length of this low radiator. It ends cold corners and drafty floors.

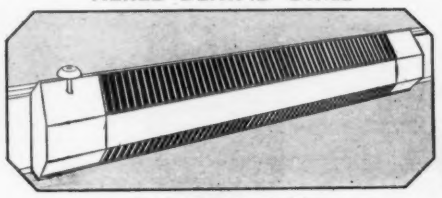
INCONSPICUOUS WHEN ATTACHED TO BASEBOARD



PARTIALLY RECESSED



ENTIRELY RECESSED
TWO RADIATORS
TIERED BEHIND GRILL



U. S. Patent Applied for

The Richmond Floorline Radiator costs less than other types of concealed or compact radiators. The replacement of present cast iron radiators with this finer type often costs less than installing radiator shields.

The Richmond Floorline Radiator is designed for use in homes, apartments, hotels, office buildings, steamships and yachts. Adapted to nearly all steam, hot water, and vapor heating systems. Consult your architect, builder, or heating contractor. Or, send the coupon below for the complete illustrated story of this most adaptable and efficient radiator.

• • • • •

More than 40 years experience in the manufacture of fine heating equipment is incorporated in the Floorline Radiator. Richmond Steam, Hot Water and Gas Fired Boilers, Cast Iron Radiators and Enamelled Ware are other products of the Richmond Radiator Company.

RICHMOND RADIATOR COMPANY, INC.
Dept. B-9, 1480 Broadway, New York, N. Y.

You may send me the illustrated descriptive booklet of the Richmond Floorline Radiator.

*Name*_____

*Address*_____

In order that we may send the most helpful information, please check the space that identifies you:

☐ Owner ☐ Architect ☐ Builder ☐ Heating Contractor

"RICHMOND" FLOORLINE RADIATOR

Home of Norman Bright at New Egypt, N. J.—painted with the new Outside Barreled Sunlight

THERE'S A NEW TREND

in the painting of fine homes

TIMES CHANGE—in the painting of fine homes as in the planning of their architectural detail. Today there is a distinctly new trend in *exterior* painting.

The white paint standard has been definitely raised. Whiteness has taken on a new meaning with the perfection of a new kind of paint—Outside Barreled Sunlight.

This is not just a claim. Proof is abundant.

A master painter in a New Jersey town recently finished a house with this new paint. Within two weeks he had received unsolicited contracts to paint six other houses. Neighbors and passers-by were amazed at the brilliant whiteness, the rich, deep lustre, the satin-smoothness of Outside Barreled Sunlight. They wanted this paint finish on their own homes.

The same thing has happened in many other instances. Fine homes have taken on a new distinction that sets them apart from other white houses and causes no end of favorable comment.

Outside Barreled Sunlight is the crowning achievement of twenty years' specialization on white paint exclusively—the gratifying result of our determination to produce the very finest exterior white paint that we could make. It was developed by an adaptation of the exclusive process which produced Interior Barreled Sunlight, the handsome, washable paint enamel used on walls and woodwork in thousands of the finest modern interiors.

Outside Barreled Sunlight costs a few cents more per gallon, but in addition to greater whiteness and richly lustrous beauty, it also has extreme durability. So even-wearing, it is in good condition when repainting becomes desirable.

★

OUTSIDE BARRELED SUNLIGHT is extremely easy to tint any desired shade. An "all-oil" product, it blends readily with any good oil color. Quantities of 5 gallons or over are tinted to order at the factory without extra charge.

Sold in cans of all sizes, 5-gallon buckets, and large drums.

Full particulars are given in our booklet, "The Whitest White House in Town." Write for your free copy. If you care to give us the name and address of your painter, we will send him a free sample can of Outside Barreled Sunlight to try out.

U. S. Gutta Percha Paint Co., 15-D Dudley Street, Providence, R. I. Branches: New York—Chicago—San Francisco. Retail dealers located everywhere.

Home of Dr. Jere Crook at Jackson, Tenn.—painted with the new Outside Barreled Sunlight

Doorway of home of Arthur Hodges Merrill at Hartford, Conn.—painted with the new Outside Barreled Sunlight

Carranor Hunt and Polo Club at Perrysburg, Ohio—painted with the new Outside Barreled Sunlight

Modern Beauty in Enduring Copper

NO other part of a home has such constant and severe exposure as the roof. Year in and year out it is beaten by storms . . by wind . . by rain . . and by snow. Season after season it is subjected to the extremes of climate and weather. Yet the roof must be beautiful and attractive, for it never escapes the critical observation of a guest or passer-by.

Of all the materials from which roofs can be made, one alone lends itself to real enduring beauty . . pure copper. And so from pure copper, *Milcor* has produced its dignified and handsome American Copper Tile.

Age beautifies rather than deteriorates the roof of *Milcor* American Copper Tile. It weathers and mellows into shades that cannot be artificially reproduced or even successfully imitated. Years do not destroy this charm, for a copper roof resists corrosion . . . It is fire-proof . . time-proof . . and free from maintenance. The tile is so designed that it produces a play of light and shadow over the roof—an effect much to be desired.

Consult your architect. He, too, will tell you that *Milcor* American Copper Tile is the most distinguished and practical of all roofs.

MILWAUKEE CORRUGATING CO.
1429 Burnham Street **Milwaukee, Wisconsin**

ANACONDA from mine to consumer
Pure Copper

Milcor American Metal Tile is, in addition to pure Anaconda Copper, furnished in Copper Alloy Roof Terne or Armco Ingot Iron painted red or green. However, any color scheme desired can be easily achieved. Also double coated galvanized (hand dipped after formed.) All Milcor Metal Tile has the famous Milcor "Tite-Lock" edge, which seals the roof against leakage.

ARMCO Ingot Iron

MILCOR PRODUCTS

Branches: Chicago, Ill., Kansas City, Mo., La Crosse, Wis.
Sales Offices: Boston, Mass., Detroit, Mich., Atlanta, Ga., Little Rock, Ark., Minneapolis, Minn.
Eastern Plant: THE ELLER MANUFACTURING CO., *Canton, Ohio*

TRADE LITERATURE OF INTEREST TO THE HOME OWNER

EACH MONTH THERE WILL BE BRIEFLY REVIEWED ON THIS PAGE A NUMBER OF THE NEW BROCHURES, PAMPHLETS AND CATALOGUES WHICH HAVE BEEN ISSUED BY CONCERNS IN THE BUILDING, DECORATING AND GARDENING FIELDS.

WATER SYSTEMS

D L Systems for City or Country Homes. Several types of pump and water systems are illustrated and described. A hot water system for kitchen and bath, a rain water system for supplying soft water, and pump and water systems for watering livestock are shown. The systems outlined also supply sufficient pressure for sprinkling lawns, for car washing and for fire protection. Delco-Light Company, Dayton, Ohio.

PIPES AND SCREENS

Rust Proofed. The subject of this booklet is the prevention of rust in the house by the use of copper, brass and bronze, in such places where rust would be likely to set in. For instance, Anaconda Brass Pipe is suggested for the plumbing system, and copper for rain pipes, gutters and flashings. There is also a description of the advantages of bronze screening. American Brass Company, Waterbury, Conn.

RADIATORS

Proof of the Pudding. The Robras 20-20 Radiator is described as a leak-proof, frost-proof radiator, welded of brass. It can be successfully installed in an old home as well as in the house that is just being built. Illustrations show types of installations in which these radiators have been put in the wall out of sight. Rome Brass Radiator Corp., 1 East 42nd Street, New York City.

OIL BURNERS

Making Better Use of the Basement. How an untidy cellar can be changed into a delightful room, with the installation of an oil burner, is explained fully. There are illustrations of such cellars used for laundries, work-shops, gymnasiums and various other purposes. Several pages in the back of the booklet are devoted to the equipment made by manufacturers who are members of the Oil Heating Institute. Oil Heating Institute, 420 Madison Avenue, New York City.

HEAT CABINETS

Trane Heat Cabinets. Illustrated and diagrammed in this booklet are cabinets which convey heat by an entirely different principle than those customarily used—by convection. The essentials of operation in this system are carefully explained and excellent illustrations show various types of rooms in which either visible or invisible cabinets are used. The difference between Trane cabinets and the ordinary variety of concealed radiator is pointed out. Valuable installation data will help solve the home builder's heating problem. The Trane Company, La Crosse, Wisconsin

HEAT CONTROLS

Controlled Heat With The Touch Of A Finger. Through text and graphic illustrations a means of selecting the right heating equipment is brought out. Various details of the Hoffman equipment are spoken of and reasons for their use are clearly explained. A little story of "How Mrs. Wilson Determined On The Right Heating System" is both amusing and instructive. Hoffman Specialty Company, Inc., Waterbury, Conn.

HEATING AND AIR CONDITIONING

How You Can Have Perfect Weather in Your Home All Winter Long. The necessity for manufacturing weather instead of merely heat is the subject of this booklet. The questions as to what manufactured weather is, where it has been used, and how it has been made available for homes are all fully explained. Well drawn illustrations illustrate the facts brought out in the text. Carrier-Lyle Corporation, 850 Frelinghuysen Avenue, Newark, N. J.

INSULATION, BOARD

Hidden Comforts. Celotex is described in this booklet as both a structural and an insulating material, possessing qualities for the absorption of sound. The most interesting fact brought out is that by the use of Celotex for sheathing, advantage is taken of both its qualities at the price of only one. Illustrations show the texture of the material and the ease with which it lends itself for decorative purposes. The Celotex Company, 645 North Michigan Avenue, Chicago, Ill.

INSULATION, QUILTING

Build Warm Houses. Cabot's Quilt is here described as a fire retardant made of a sea plant composed mainly of non-combustible silica. Its efficiency as an insulator for both heat and cold and as a sound deadener, is brought to notice. Diagrammed explanations tell of the various modes of application and the ease with which the quilting may be handled and cut. No types of construction are overlooked. Samuel Cabot, Inc., 141 Milk Street, Boston, Mass.

INSULATION, WOOL

House Comfort That Pays for Itself. This booklet outlines the advantages of Balsam Wool as an insulating medium. It is described as a light, flexible material which will fit in a corner and around projections. We find that in houses built without insulation, heat leakage through the roof can be stopped without undue difficulty by the application of Balsam Wool. Several excellent testimonials from users of Balsam Wool add weight to the claims for it. Wood Conversion Company, Cloquet, Minn.

ASBESTOS SHINGLES

The New Book of Roofs. A brochure describing the characteristics of Johns-Manville Asbestos Shingles. The fact is emphasized that inasmuch as these shingles are a combination of asbestos and cement, they have the fire-resisting qualities of the former and the durability of the latter. There is a wide range in the selection of shapes, sizes, texture and color. Illustrations in color show the beauty of roofs made of these shingles. Johns-Manville Corp., Madison Avenue & 41st Street, New York City.

LUMBER

Money Saved for Builders. This booklet on Tidewater Cypress, stresses the durability and beauty of this wood. Inasmuch as it is grown in water, it resists water, and is advised for use wherever wood comes in contact with moisture. The wood is suggested for use either in its natural coloring, painted, stained or "sugied." There is an explanation of this last term. Southern Cypress Manufacturers Association, Jacksonville, Fla.

MOULDINGS

Driwood Period Mouldings in Ornamented Wood. This booklet will suggest ways in which Driwood Mouldings can be used for new decorative effects. The designs are all architecturally authentic. The mouldings are guaranteed not to chip or crack. Where fireproof material is essential, Driwood Mouldings of Flaimpruf Wood are suggested. This type can be finished the same as the other mouldings. Henry Klein & Company, Inc., 11 E. 37th Street, New York City.

COMMON BRICK

Homes of Lasting Charm. Common brick is described as having the following advantages—weather-proofing, fireproofing, low upkeep, simple construction and beauty. This booklet includes illustrations and plans for several houses to be made of common brick. There are also interesting suggestions for the use of brick in improving gardens and grounds, methods of brick wall construction and brick for decorative exteriors. The Common Brick Manufacturers Association of America, 2121 Guarantee Title Building, Cleveland, Ohio.

CONCRETE

Beautiful Homes of Concrete Masonry. The various materials covered by the name "concrete masonry" are explained and described. In addition, this brochure contains numerous illustrations of homes in various styles built of concrete masonry. The fact that it is an inexpensive material, has great endurance, maximum fire safety and furnishes insulation is well brought out. Various colors and textures are described. Portland Cement Association, Chicago, Illinois.

MARBLE

The Everyday Uses of Marble. There are detailed descriptions in this booklet of the importance of marble to the home owner. The fact is brought out that it combines both beauty of design and texture with durability and cleanliness. Illustrations show numerous uses of marble both for interiors and exteriors. The National Association of Marble Dealers, 648 Rockefeller Building, Cleveland, Ohio.

TILES

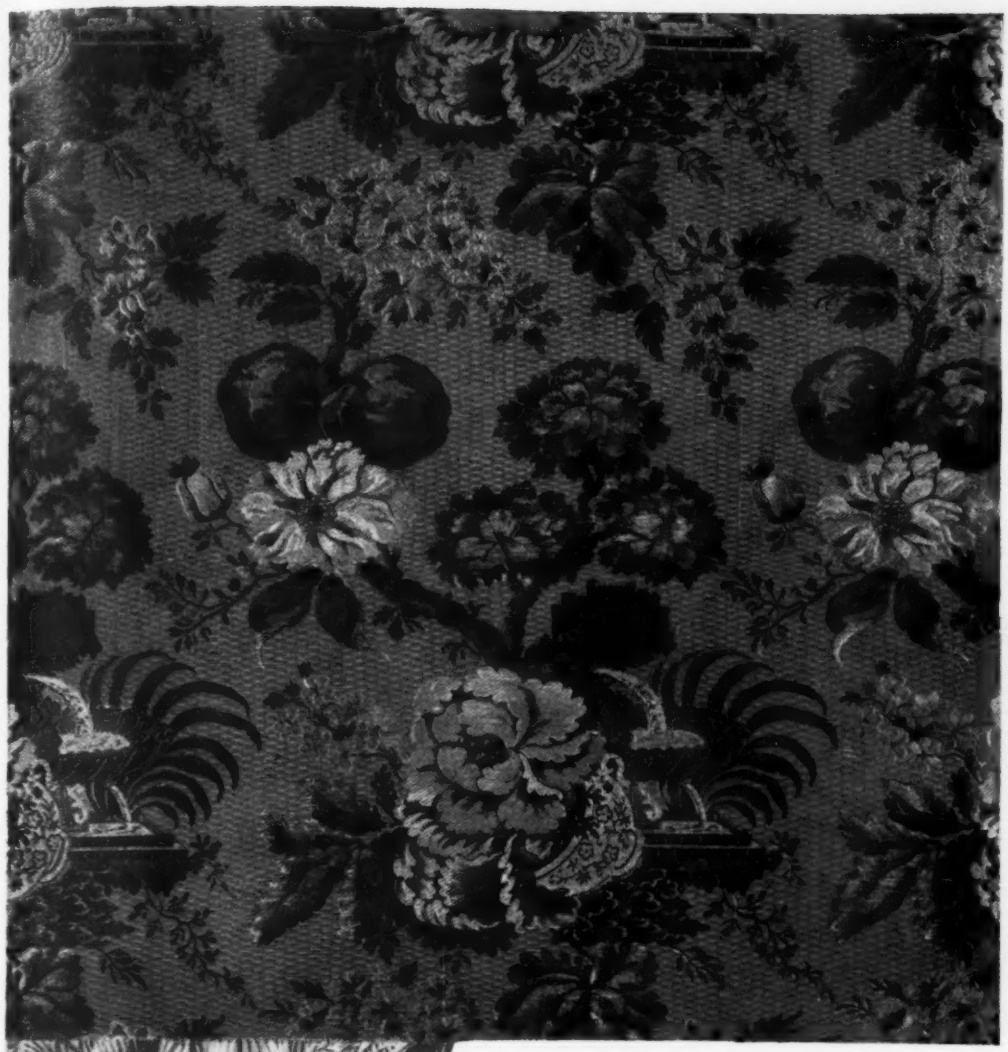
Enduring Beauty in Your Home. A beautifully illustrated booklet shows the various uses of Keramic Tiles. The permanence of their colors and their resistance to wear are strongly emphasized. The setting of these tiles is all done by hand. There are a number of illustrations showing these tiles used in houses of many styles of architecture. Associated Tile Manufacturers, 220 Graybar Building, New York City.

BUILDERS' HARDWARE

Early English and Colonial Hardware. Hardware in both of these styles is illustrated. However, there are some pieces in designs of Gothic and Spanish origin. The Colonial hardware is available in a natural iron finish or a black iron finish. In the Early American hardware the finishes are dead black or half polished. P. & F. Corbin, New Britain, Conn.

ANY BOOKLET REVIEWED MAY BE OBTAINED FROM THE ADDRESS LISTED. WHEN WRITING PLEASE MENTION HOUSE & GARDEN.

CHENEY
SILKS



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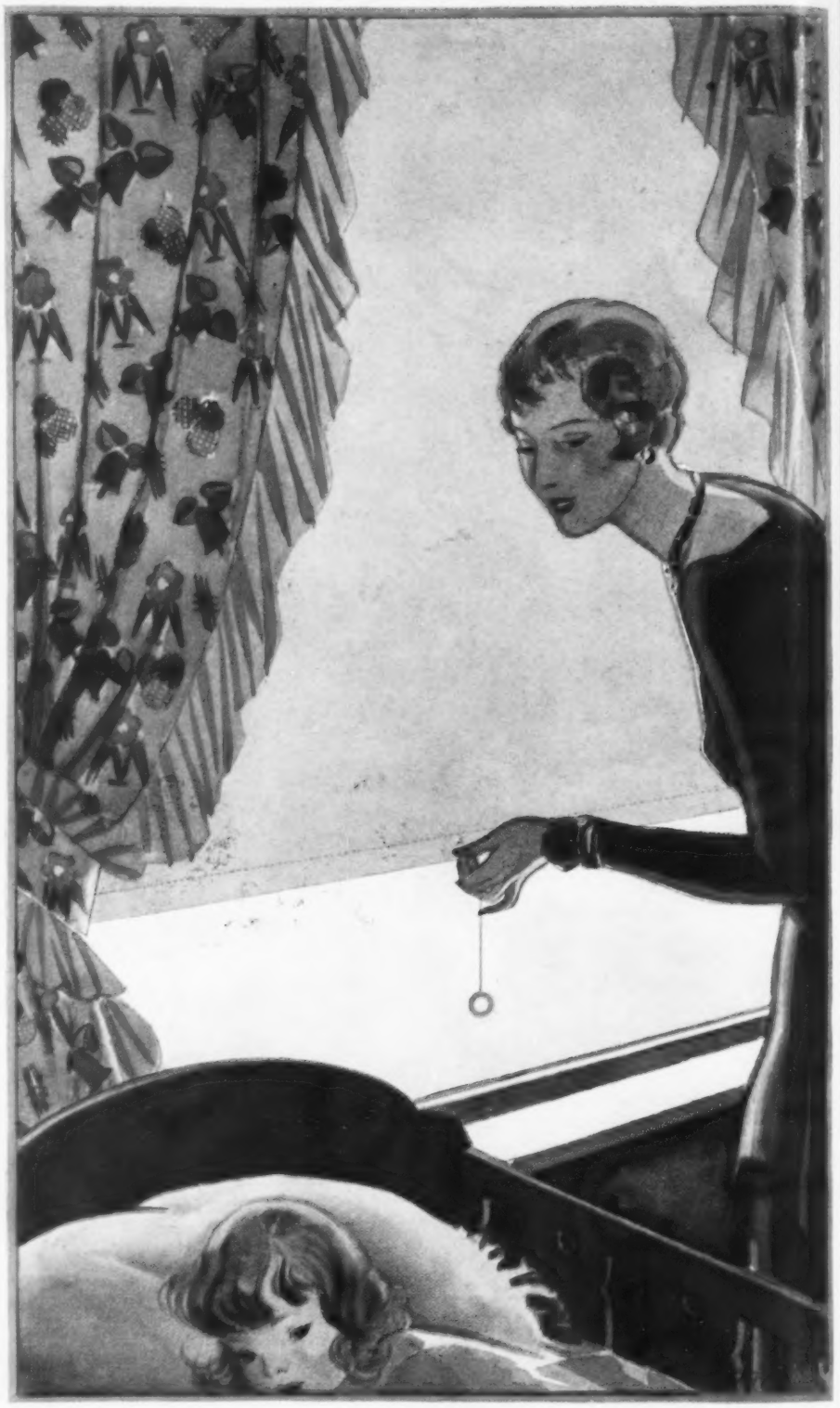

The tone-color shade in the room illustrated resembles the tone-color Persian Gold as closely as possible in a printed advertisement. Among other popular *Columbia* tone-colors are Egyptian Sand, Chamois, Etruscan Ivory, Strained Honey, Peach Skin, Plaza Gray and Circassian Brown. (Color names Reg. U. S. Pat. Off.)

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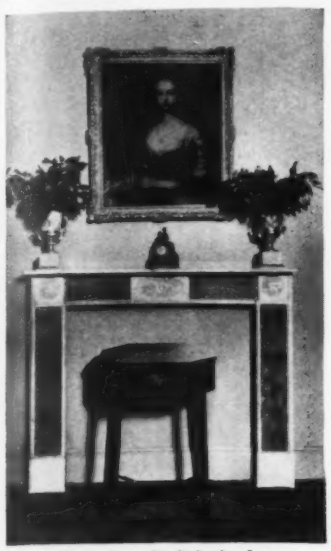

18 Century English fireplace in terra and white marble

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NO matter how large or small the kitchen, the most important consideration is the arrangement of the equipment. A little time and thought in the beginning will save an unbelievable amount of trouble later on. Janes & Kirtland have units for every conceivable kitchen and pantry need and, in addition, offer several interesting combinations that will do more than save time and space. Since all the items are manufactured in a unit system in a number of sizes and designs, the bases and upper units, kitchen dressers, broom closets, storage and sink cabinets may be installed either singly or in combination. They are made of steel finished with three well-baked coats of white enamel. All knobs are of glass, making the cabinets thoroughly sanitary, durable and efficient. Layouts are furnished in color when desired, a sample being baked the required color and offered for approval. An efficient and pleasing pantry arrangement consists of a monel metal partitioned sink (this really acts as two sinks, permitting dishes to be washed in one side, then rinsed in the other) placed before a casement window. Ivory metal closets are found above and below the drainboards, a cupboard with a drawer for table silver is on the one side below the sink and a deep cupboard (for linen) on the

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other side. Shelf units are placed on either side of the window, directly above the sink. Suggested for the other side of the room is an electric plate warmer united with a tray cupboard. A linoleum top table surface and wall protector prevents the usual breakage of dishes and is quite an innovation in kitchen equipment. A pot and pan closet is equipped with wire racks instead of the conventional shelves. These may be removed and the cabinet used for storing brooms, mops and other cleaning paraphernalia.

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WASTE space in the closet is among the worst of household crimes. Philip Hall, Inc., manufacture wardrobes, shoe cabinets and closet equipment that eliminate this undesirable factor and insure convenience as well as efficiency. Bright nickel closet

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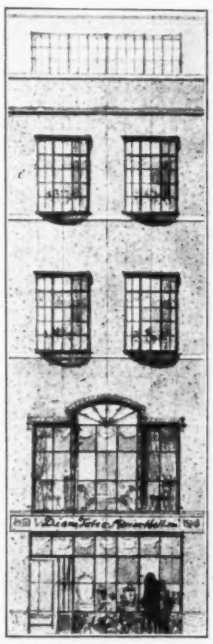

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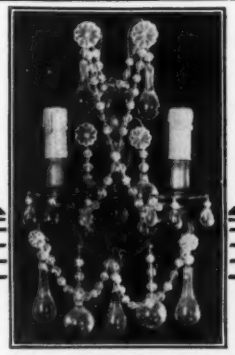

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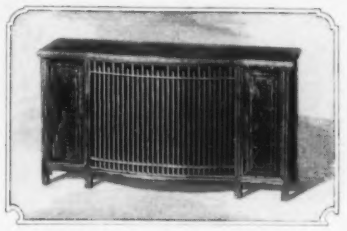
maple bedroom suite consisting of a four poster bed with a marquisette canopy lined with green sateen and edged with white ball fringe, a tall chest, a small chest with an appropriate mirror to hang over it, and a demurely upholstered Barlow rocker form a pleasant group particularly when the walls are papered with a copy of an old Colonial paper. A gateleg trestle table with a butternut top and maple understructure may be used for a combination living-dining room table. An open rack cupboard of the type used by the retired New England sea captains to display their prized collections of china and glass is a piece that would enhance any living room. This comes in maple.

IF a more formal, sophisticated touch is desired, a decorative Chinese Chippendale breakfast room suite may be seen at the Somma Shops. This consists of a draw top table, side and arm chairs, a console table and a hanging shelf. These pieces may be



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painted soft apple green with silver or yellow trim, red with gold or black, or black with gold or red. At the same shop is an unusual Queen Anne crystal mirror with engraved rosettes and crest and an amber border. A comfortable living room chair that would combine happily with other 18th Century pieces is a Directoire tub chair with mahogany frame. This has the characteristic swan arm supports and is upholstered in a green embroidered beige brocatelle. A fine range of occasional and card tables may also be found here, from the Queen Anne type to the Duncan Phyfe.

FAMOUS scenic papers reproduced from old blocks may be had from A. L. Diament & Company, who are the sole American agents for Zuber et Cie, Alsace, and Paul Dumas, Paris. Their patterns range through every type of period design, from the Louis' and Chinese Chippendale to the War of Independence. Their landscapes of the hunt are particularly fascinating. A

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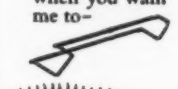
I'm the cleverest shoe rack you ever saw!

Look–I collapse when you want me to–



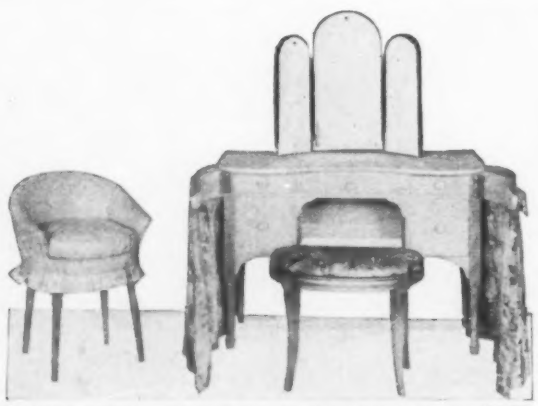
Slip me away when you move–

You should see my shining nickel face!

I'll hold your shoes so neatly—they can't fall off. And I cost so little! Send $1.50 now and I'll come flying—*prepaid.*

hall luggage

PHILIP HALL
38 East 49 St. New York City

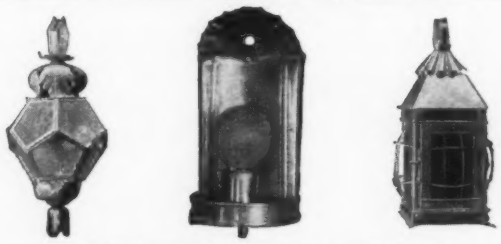


THE DRAPED DRESSING TABLE

Hearthstone offers varied sizes and styles of this desirable type—*Unpainted*—ready to be finished to conform to your own decorating plan.
Booklet

HEARTHSTONE FURNITURE CO., Inc.
224 EAST 57th STREET NEW YORK CITY

OUT OF THE ORDINARY
BEAUTIFUL & INEXPENSIVE
LIGHTING FIXTURES



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Industrial Arts handmade lighting fixtures give great distinction and character to room interiors. The three typical models illustrated above show clearly the rich simplicity of design and quaint charm expressed by these and other reproductions of the Industrial Arts Line.

All are hand-fashioned by skilled craftsmen in a wide variety of both traditional and modern designs, in tin, brass, copper, pewter with or without electric attachments. Prices are reasonable.

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Fireplace Accessories

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Tray measures 9½" x 7¼" shut. Stands 7¼" high open. Tray space 30" x 24"

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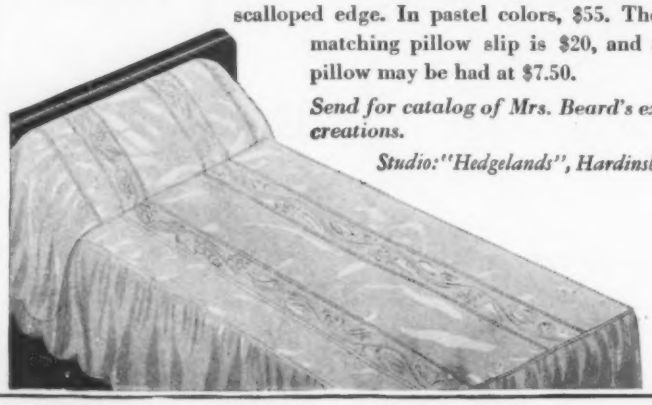

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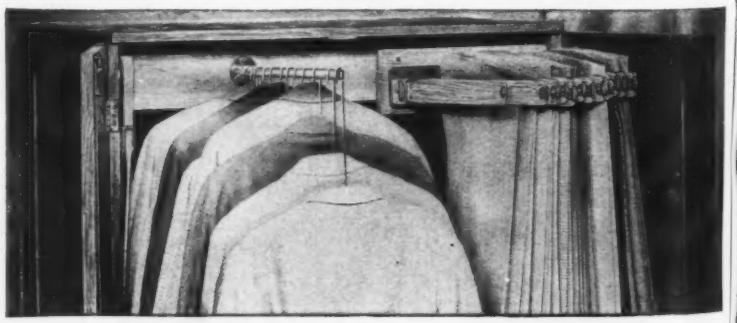

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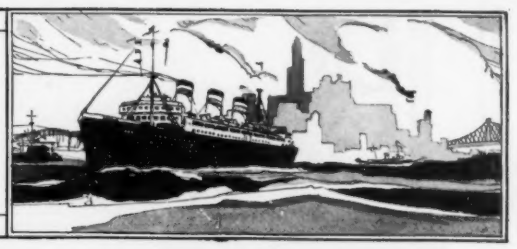

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The Parkview. A hotel of distinction and charm on beautiful Overton Park. Luxurious and hospitable. An ideal home for a day or year.

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El Paso

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ABOUT HOTELS

NOWADAYS, smart travellers expect a great deal of hotels. They expect perfect service . . . the utmost courtesy . . . attractive rooms and surroundings . . . excellent food.

They want the same perfection they have in their own houses . . . and will only go where they will find it!

For the convenience of these discriminating people, some of the best hotels in the world are listed on these pages. They come up to every standard set by the smart world and are approved by the Condé Nast Travel Service. As you plan the itinerary of your next trip, consult these pages, and write to the hotels listed for rates and reservations. If you identify yourself as a reader of House & Garden, you will find it a decided advantage!

The GULF COAST

Rest and play on the beautiful Gulf Coast — Western Florida to New Orleans! Golf, tennis, fishing — all outdoor sports. Modern hotels. Ask for information. R. D. Pusey, General Passenger Agent, Louisville & Nashville R. R., Room 326, E. 9th & Broadway, Louisville, Kentucky.

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New S. S. "Transylvania" 66 days, Madeira, Canary Islands, Morocco, Spain, Greece, Palestine, Egypt, Italy, etc. Hotels, fees, drives, etc., included.

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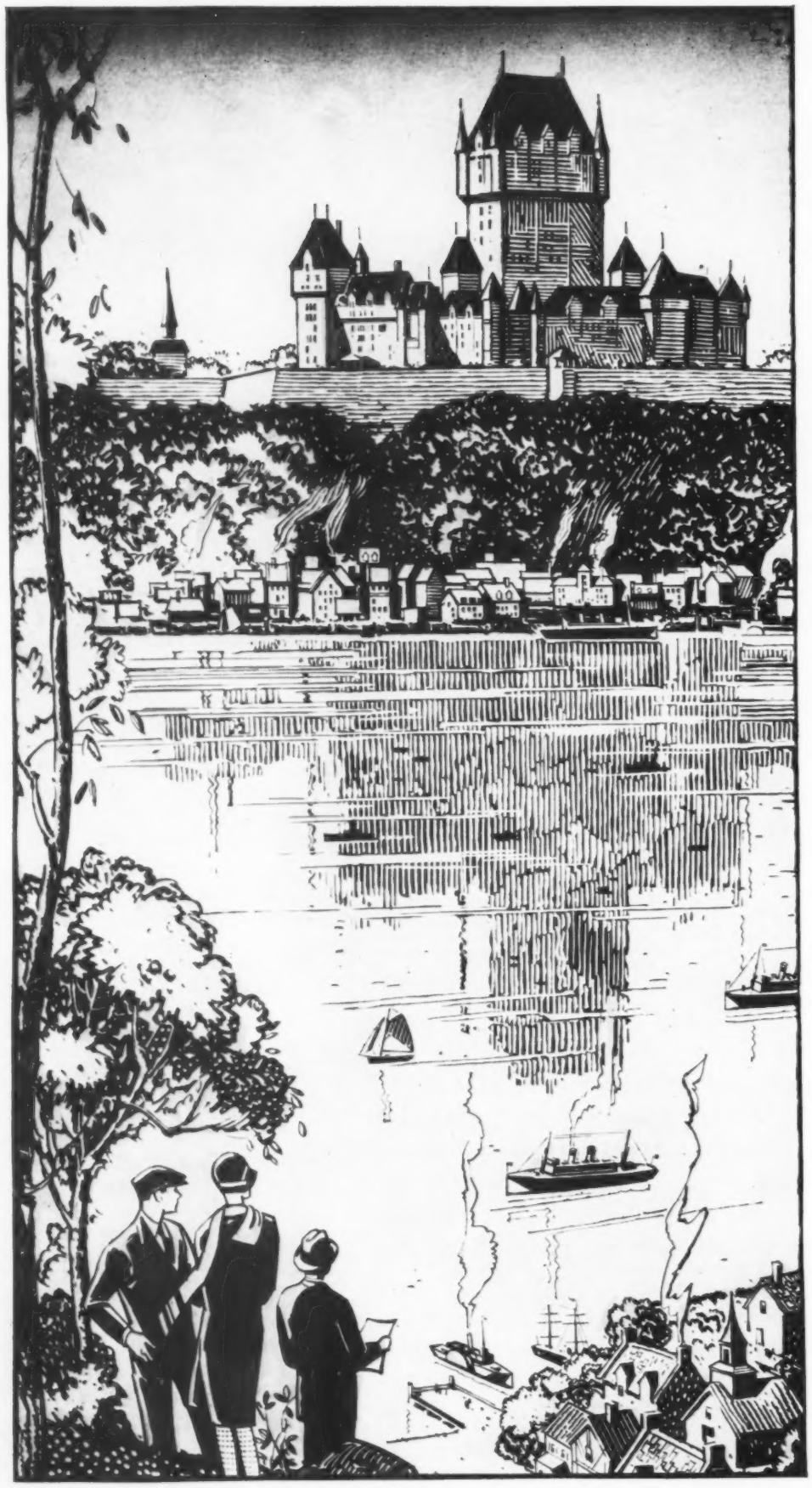
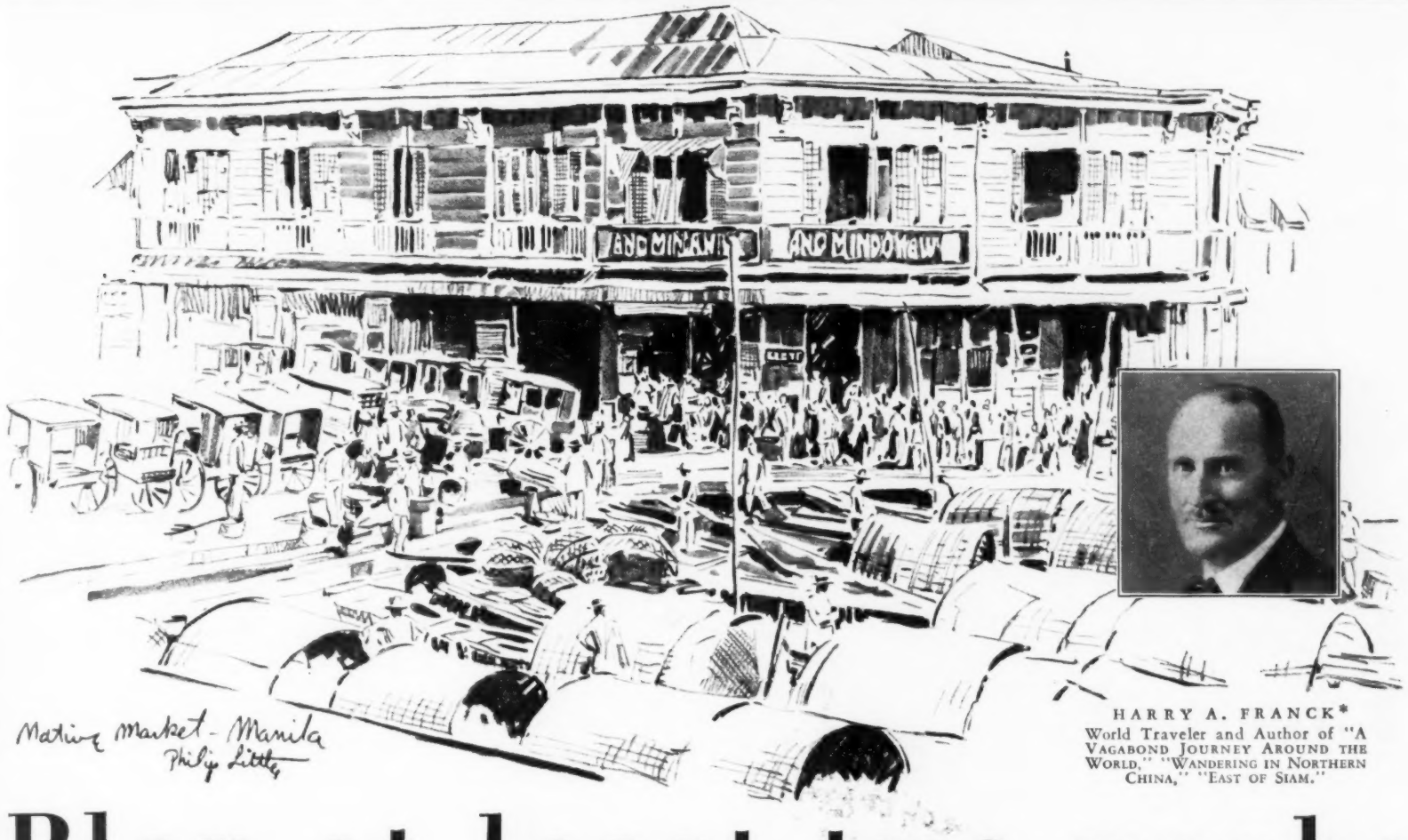


OLD QUEBEC

What fun, Québec in autumn! You live in a tower room at the Chateau, high enough to sweep the cobwebs out of the sky, looking out on the silver St. Lawrence and the pale cliffs of Levis . . . you come down gay with the bright morning to delicious Chateau sausages, fragrant Chateau coffee, gracious French service. You golf at Montmorency . . . cruise by motor among white Norman farms ranged by golden poplars . . . hunt antiques and homespuns through the French shops of the Basse Ville . . . dip into history among the dungeons of the citadel . . . sun yourself on the ramparts . . . trot along country roads in a funny old *calèche* . . . join the gay promenade of Québec society on Dufferin Terrace at twilight . . . a thousand things to do and see!

Plan your holiday now . . . by motor or fast train. Québec. . .600 miles from New York . . . 415 miles from Boston . . . good roads all the way. Full information and reservations at Canadian Pacific, 344 Madison Avenue, New York; 405 Boylston Street, Boston; Chateau Frontenac, Québec, Canada.

Chateau Frontenac



HARRY A. FRANCK*
World Traveler and Author of "A Vagabond Journey Around the World," "Wandering in Northern China," "East of Siam."

Plan at least two weeks in that Pacific wonderland of ours

"Obviously you will be thankful for that stop-over privilege when you reach that wonderland of more than seven thousand islands under our own flag—the PHILIPPINES. Manila, with the finest harbor in the Far East . . . Manila, with its quaint old walled city, its aged Spanish cathedral, and other reminders of its former rulers—in striking contrast with the modern American city that has grown up outside the walls . . . Manila, with a third of a million inhabitants, where an afternoon drive along the famous Luneta is still evidence of social standing . . . Manila, backed by the Mariveles mountains, high up in the lap of which lies Baguio, the summer capital and watering-place of fortunate foreigners from all that part of the world.

"A marvelous view, yet merely a hint of that extensive mountain system which, in a succession of volcanic ranges, makes the entire group and many islands beyond scenic fairylands. Nor is Manila itself anything at all compared with what our Far Eastern islands have to offer the leisurely and discriminating traveler. . . .

"One hundred and fourteen thousand square miles of American soil, extending 1152 miles from north to south and 682 miles wide, with a score of magnificent harbors, a coast-line greater than that of the United States . . . soil how marvelously broken up and flung far and wide and teeming with natural beauty . . . Twelve million people of American rights, scattered through a veritable fairyland of little worlds-in-themselves . . . Tagalo and Viscayan people on Lubang island, the brave, if dog-eating, Igorrotes of Luzon, where the adventurous traveler will wish to shoot the Pagsanjan River rapids . . . Mindanao, the huge island of the south, with Zamboango, capable of driving the most commonplace traveler into poetry . . . the archipelago where the Sultan of Sulu still reigns within his capital of Jolo, harem and all, though withal under close American supervision, where cocks and bulls and carabao are pitted against one another . . . or the sports of the Moros, stag hunting, shark fishing, bull baiting, and dances incomparable for their savage abandon . . . Cuyo, famed for its fishing by torchlight . . . Cebu, Boho, Linapakan—the very names are suggestive of the poetic mingling of sea and forest, mountain and jungle, and of the strange, sometimes savage, customs that make our eastern archipelago something worth going far to see."

Harry A. Franck*

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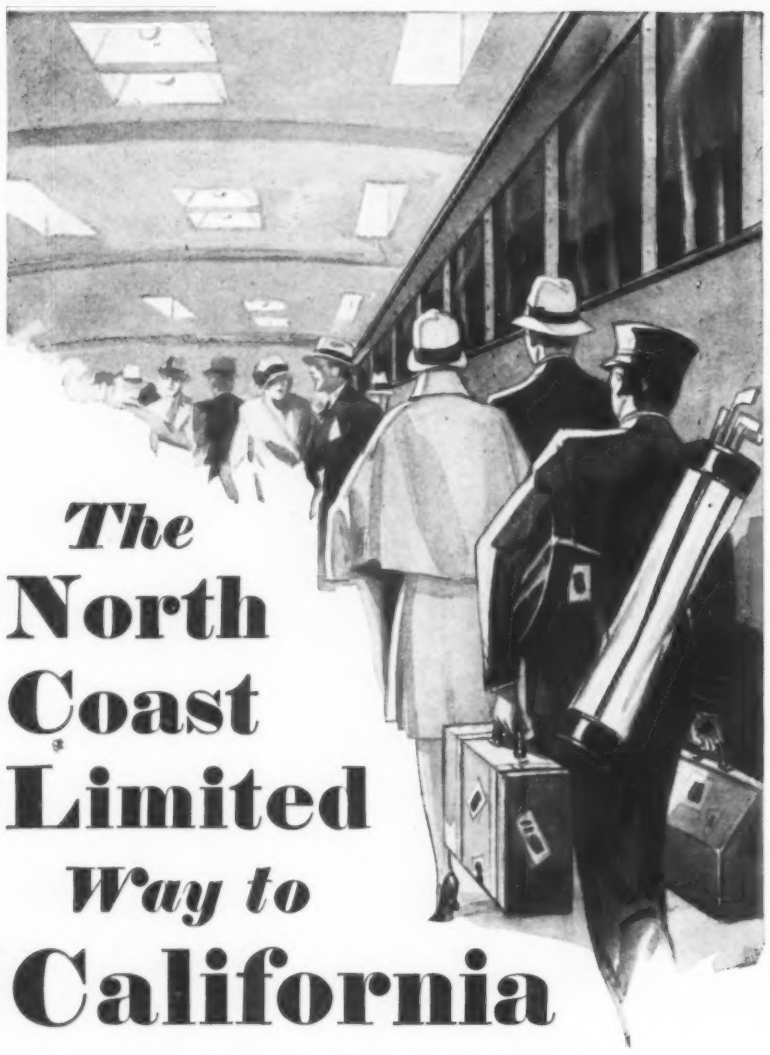

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WHEN you start for the Pacific Coast this autumn or winter plan to include the Pacific Northwest either westbound or eastbound. Ask your railroad agent, please, for a ticket on the Northern Pacific Railway which follows the historic trail of Lewis and Clark.

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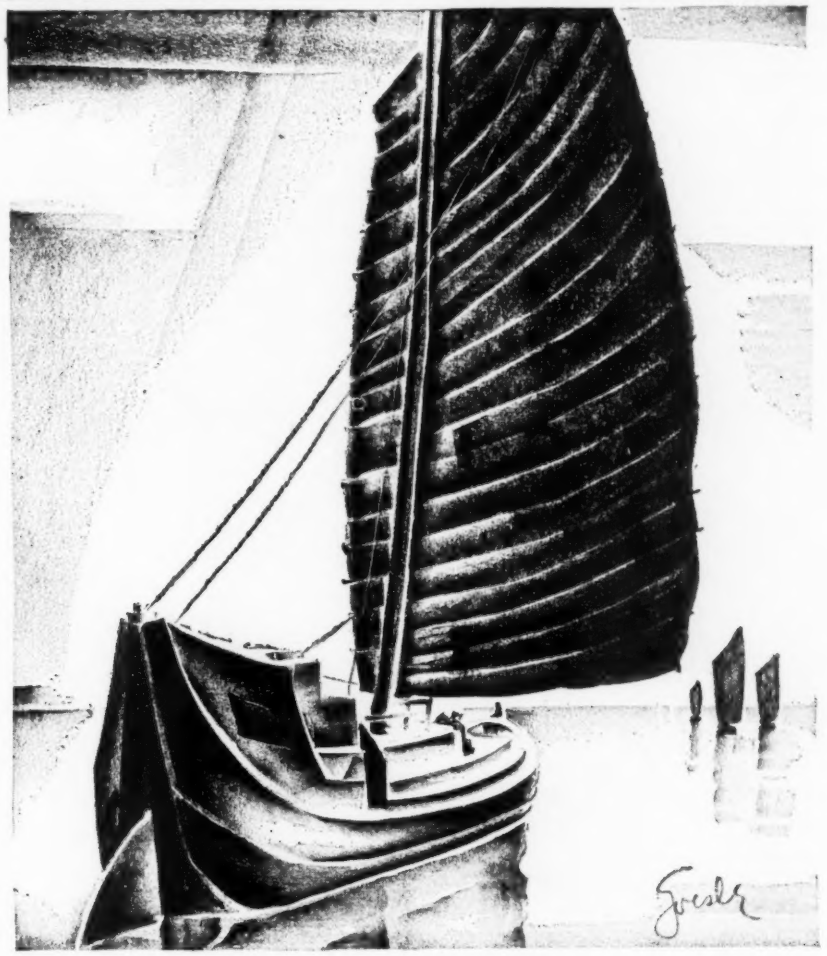

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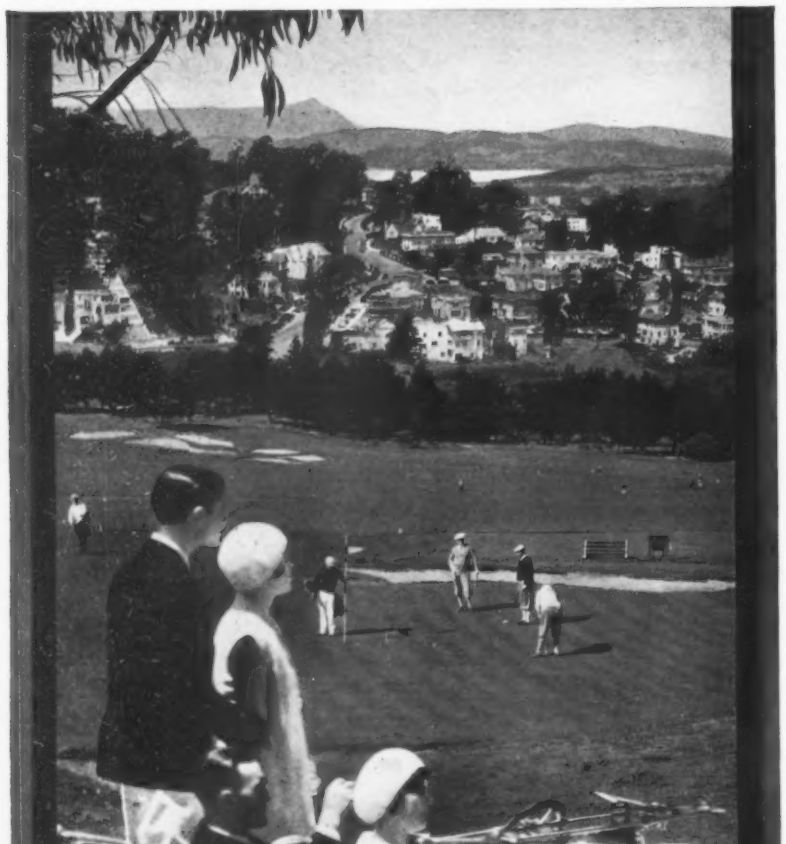

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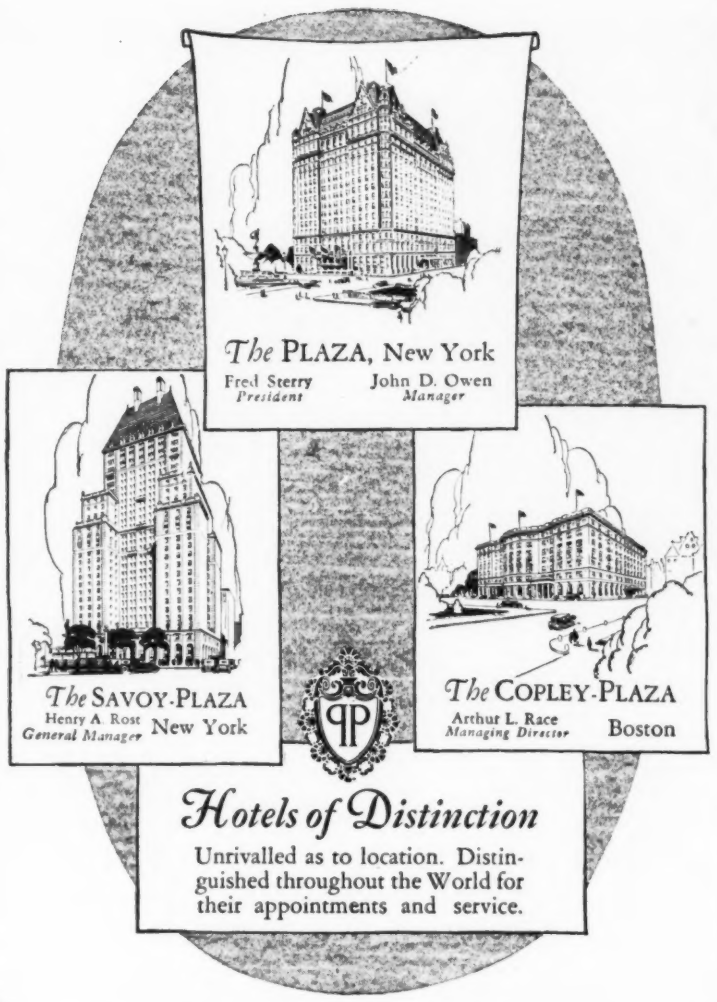
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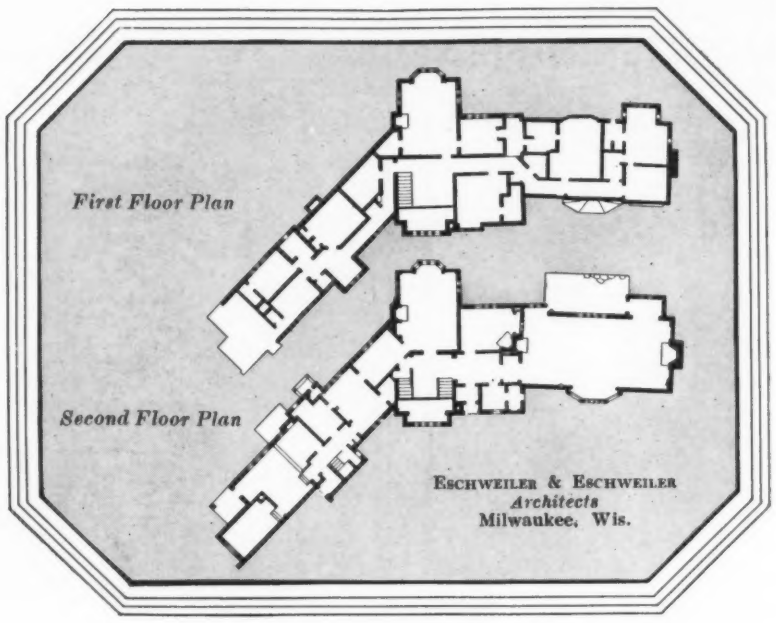

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EVERY STEP in the planning of a home opens many new vistas of interest. Few efforts are more amply repaid than those spent in inspecting, comparing, studying and poring over plans and specifications. The sure reward is found in years of satisfaction, comfort and happiness.

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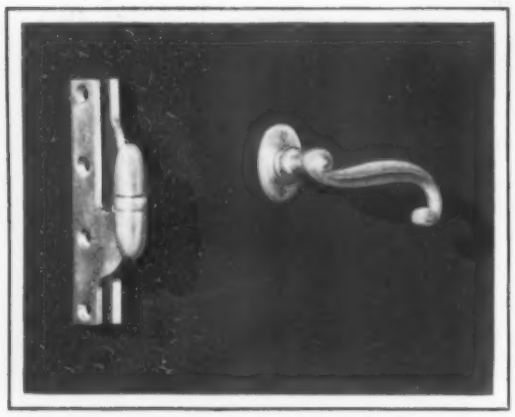
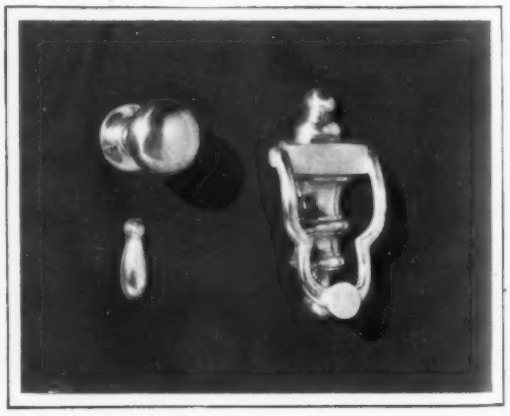


Olive Knuckle Butt No. 1568; Lever Handle No. 1157



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YOU can make your old home new again so easily, so inexpensively . . . new, with a beauty that really *lasts*.

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When you sheath your home with Insulite you have several times the bracing strength of lumber. When you plaster over Insulite you have twice the bond of wood lath and plaster. Plus, of course, the added protection Insulite gives against heat and cold.

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Your interest in the size of your fuel bills; your interest in the comfort of your family both winter and summer, demands that you get the efficiency which Insulite gives. Whether you are building a new home or remodeling your present home, you can use Insulite to effectively shut out the elements.

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Then, make this same test with other insulation boards See for yourself why we say Insulite gives you 12½% more efficient insulation than ordinary 7/16 inch boards.

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Sealex Linoleum No. 3072 set off by a Sealex Marble-ized Border and one of the new Sealex Border-Strip Assemblies

It's decidedly smart . . . this stylish, new flooring

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It's these fashion-wise women who are responsible for the increasing vogue of a remarkable new flooring . . . *Sealex Linoleums!*

They realize the untold decorative possibilities offered by the many lovely designs and beautiful colorings. Here you get but a glimpse of the delightful variety! The *Karnean* designs faithfully reproduce the delicate veinings and subtle tones of rare marble—the new *Embossed* effects with their realistic "raised" tiles have a charm all their own.

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The distinctive Karnean Marbled design shown above is "MEXICANA" Sealex Linoleum No. 3112

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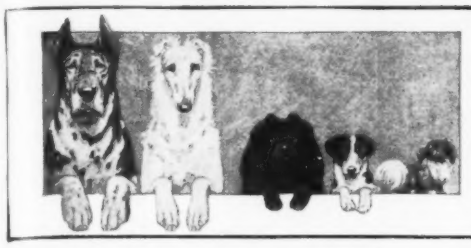

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House & Garden does not sell dogs. But will suggest reliable kennels where purchases may be made

Specific questions on dog subjects will gladly be answered by The Dog Mart of House & Garden

THE SPRINGER SPANIEL

ROBERT S. LEMMON

IN considering any of the breeds which are taken up each month on these pages the attempt is made to appraise them primarily from two angles: their qualities just as dogs, and their varying characteristics which fit them for certain definite types of homes. No matter how much of a canine enthusiast one may be, it cannot be denied that there are many breeds which are at their best only in certain specified modes of life. The number of those which are universally successful and satisfactory is necessarily limited, just as the perfect cosmopolitan who is thoroughly at home everywhere and among all people is not too frequently met.

To this select group the Springer Spaniel unquestionably belongs. By breeding he is a gun-dog of a type especially valuable in our eastern coverts of today; by nature he is at home everywhere that civilized man dwells. Vigor, rugged health, adaptability, intelligence of the highest canine type, dependability of disposition and loyalty that knows no bounds make him an ideal all-around dog to love and be loved by every member of the family.

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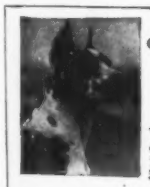

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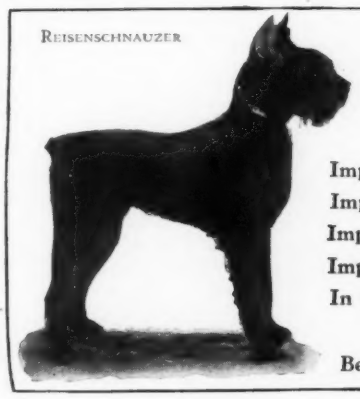

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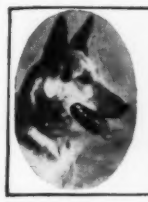

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their not distant relatives, the Setters. These characteristics are the result of centuries of breeding, selection and development for a definite purpose. The good gun-dog must be energetic and possessed of initiative, yet it is vital that he do his work in full consonance with his master's wishes. In no other dog-and-man relationship, with the possible exception of that between the shepherd and his four-footed assistant, is so much dependent upon full co-operation for a common end. No wonder that the Springer of today is so well rounded and acceptable.

He is a dog of good size, usually—considerably heavier and longer on the leg than his cousin the indefatigable little Cocker. Imagine a rather heavy, smallish English Setter with a docked tail and you have a pretty fair idea of the Springer's appearance. He hasn't the Setter's racy build, for he was designed for slower work in heavy cover where speed is neither necessary nor desired. Around the head, too, he shows less trimness of line, but his fine eyes are just as expressive and the brain back of them is quite as ready in response. In color he is usually black-and-white.

Among laymen, especially, there has been considerable doubt as to the origin of the Springer's rather odd name. Some wags have hinted that it derives from the quickness with which he has leaped into popularity in this country during recent years, but they're wrong. The appellation arose from his aptitude, centuries ago, in "springing" game from its coverts. The Setter's job is to point or "set" his game, but the Spaniel scurries right in and forces it to take wing or foot, as the case may be.

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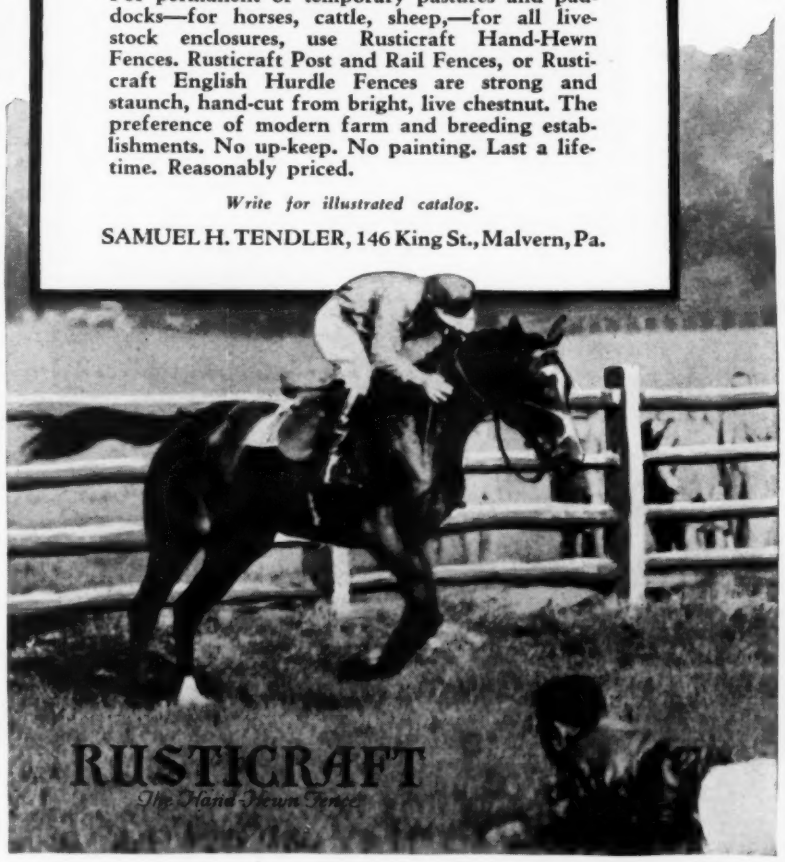

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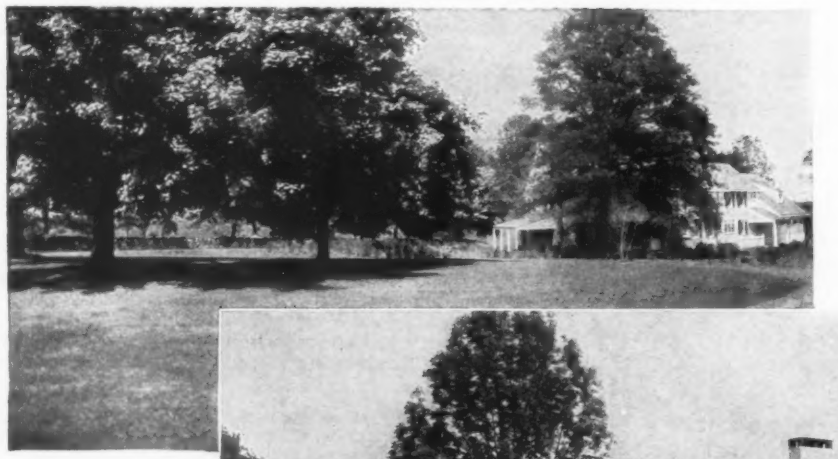

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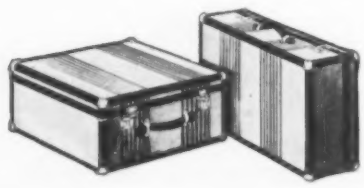

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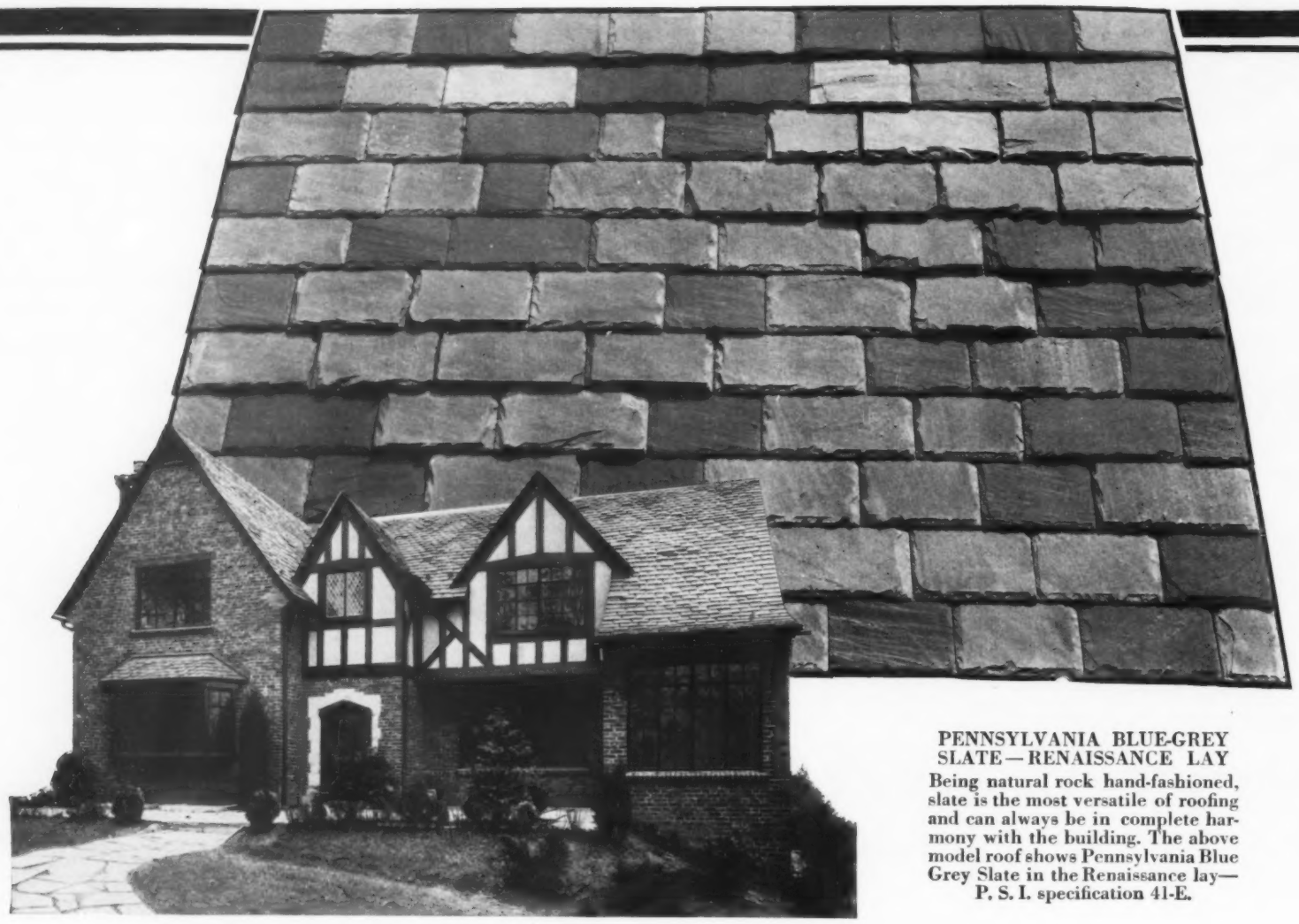

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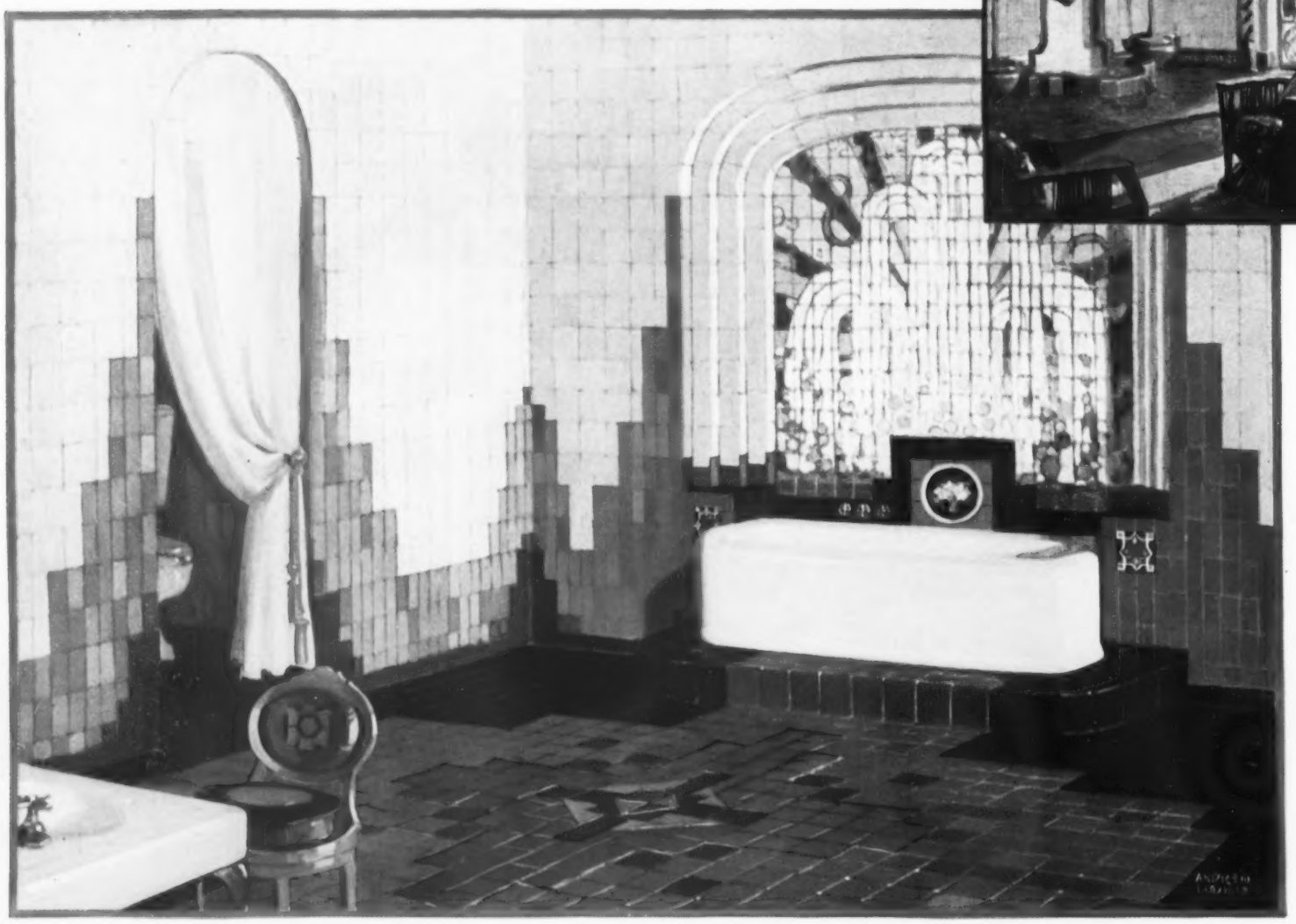

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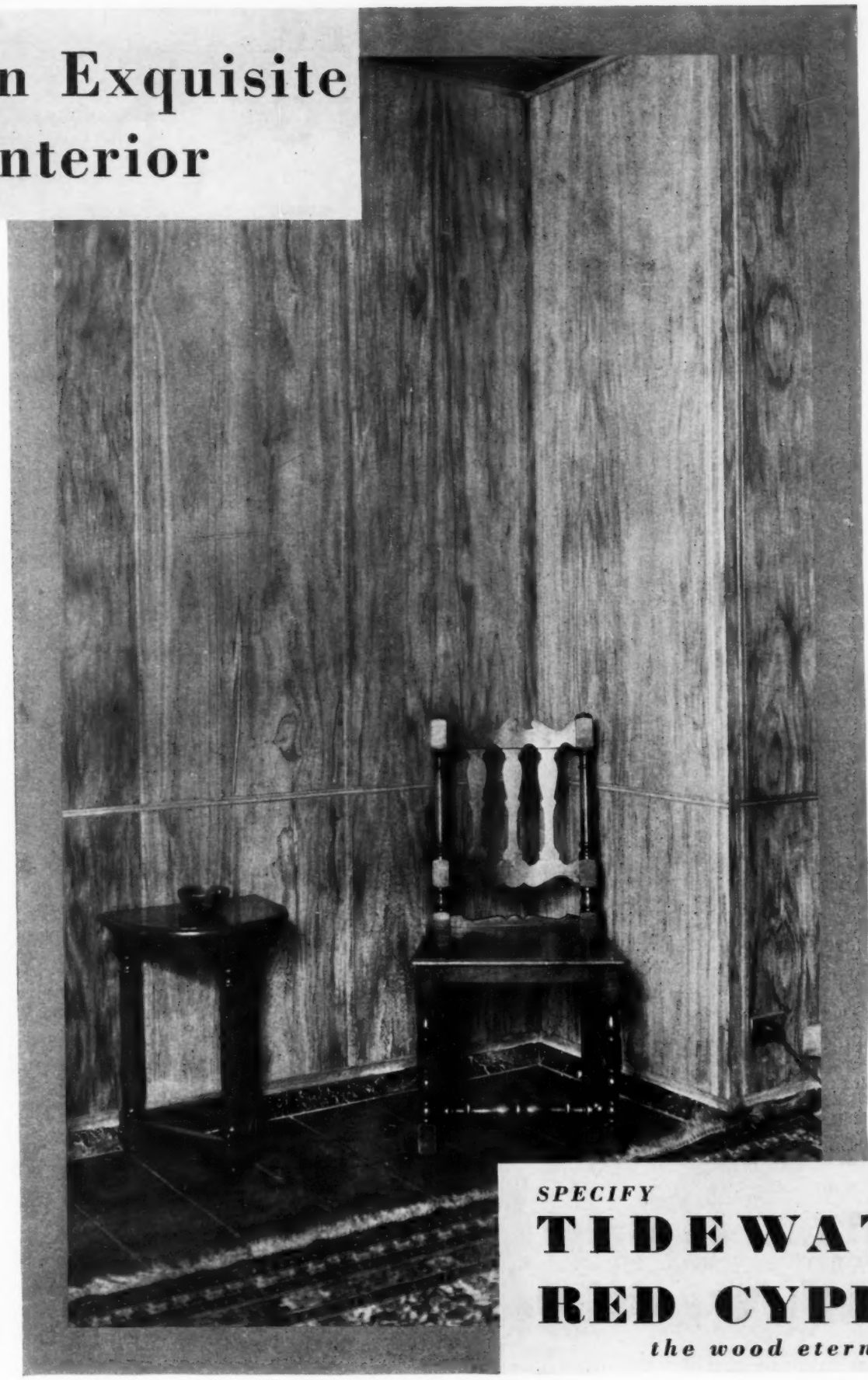

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the wood eternal

The smartest interiors of the day are natural. And the most exquisite of them are built of cypress.

Finely grained by centuries of growth, this versatile wood weaves a charming pattern of which you can never tire—a beauty as lasting as the lumber itself.

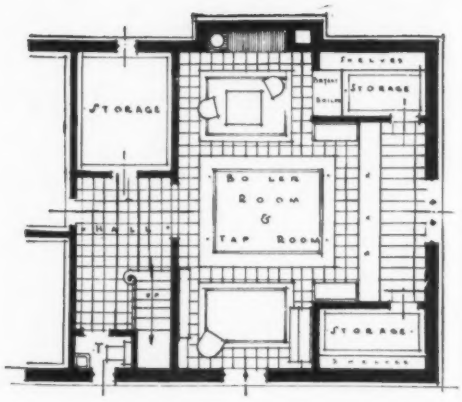
No wonder America's foremost architects and interior decorators are using Tidewater Red Cypress in greater quantities than ever before. They advise its use for paneling, doors, window frames, base boards, moldings, and wherever else this charming wood can enhance the warmth and attractiveness of your home.

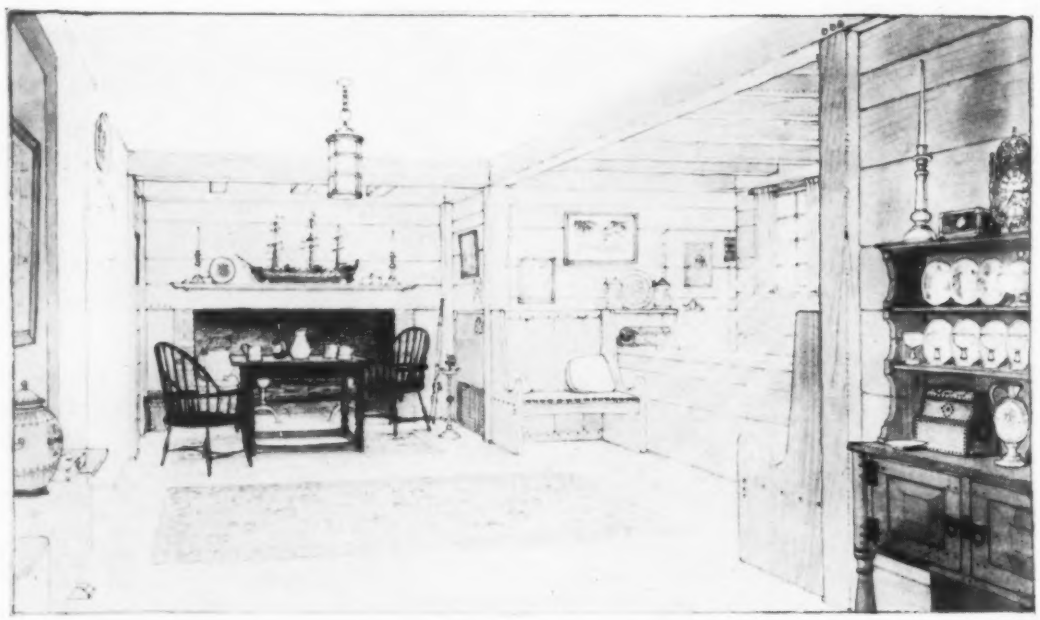
Whether Tidewater Red Cypress is left in its natural state, or waxed, or stained, or varnished, sand-etched, painted or charred, always the effect of delicate richness is attained.

A BOOK OF INTERIORS—SENT FREE. Photographs of rooms designed by many famous architects have been assembled in an interesting book which will be sent to you free of charge, if you will write to the Southern Cypress Manufacturers' Ass'n., Dept. HG-9, Jacksonville, Florida.

WHAT TO CONSIDER WHEN SELECTING A HEATING PLANT—

Heating Standards have changed completely in the past five years. Be certain your home is not considered out-of-date even before it is completed.





A basement recreation room designed by a nationally prominent architect. Note how the Bryant Boiler is built into the inglenook at the right of the fireplace. Color plate of this room free on request.

DON'T PLAN A HOUSE WHICH IS "1929 ON THE OUTSIDE, 1899 IN THE BASEMENT"

REAL estate men will tell you that the one-bath-room house has become a drug on the market, that the house with only a one-car garage is following suit. The house with hand-fired heating is doomed to similar unpopularity.

Even if it is your hope to live "from now on" in the house you are planning or remodeling, it is only good business foresight to keep re-sale value in mind against a possible unforeseen emergency.

One of the first questions asked by a prospective purchaser is "Does your house heat well?" If you can then lead the way to a spic-and-span basement where a trim, efficient boiler or furnace is on the job and can testify that the heat it furnishes is absolutely automatic and dependable, you have made a long step toward selling your house at the price to which you are entitled.

Cheap heating plants can, of course, be purchased, but they add no sales value to a house. The slight additional investment in a plant that admittedly has no superior comes back with a dividend when the house is placed on the market. The easiest time to install such a plant is in the construction financing, as a part of the original structure.

NO HOME IS MODERN WITH A HAND-FIRED HEATING PLANT—

To protect the investment in a new residence some form of automatic heating is now essential.

By all means install an automatic heating plant but, before buying, get the answer to these questions. How long has it been on the market? How many installations have been in use five years or more? What is their average annual cost for service and repairs? What is the financial standing of the maker? Who, if anyone, will stand behind it in the event that its local representative goes out of business?

THE MOST IMPORTANT TWO HUNDRED DOLLARS IN YOUR NEW HOME

Assume that the best automatic heating plant will cost you as much as two hundred dollars more than the cheapest furnace you can buy. (As a matter of fact the best plant may cost considerably less than the particular equipment you have in mind.) Even if there is a higher first cost, the investment is more than justified.

Where else can two hundred dollars be expended with equal effect? Not on exterior or interior walls, on floors or ceilings. Not on furniture or hangings. In neither case will so small a sum make a perceptible difference in the final effect.

In only one place can a small percentage of the total investment raise your home definitely above the level of its neighbors and give it a distinctive and permanent asset, both as a place to live and as a property to sell—and that is in the furnace room.

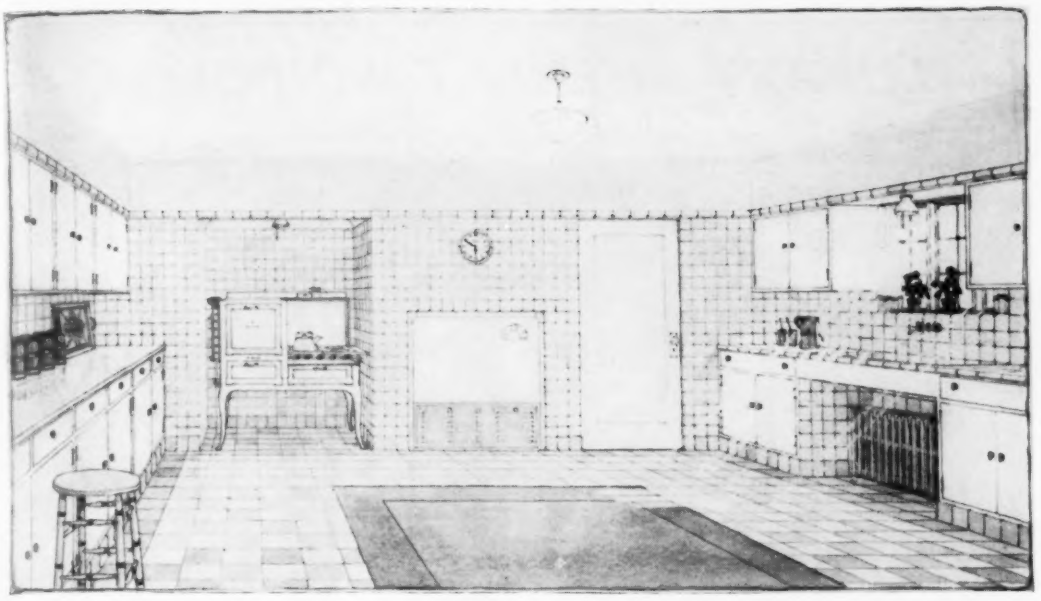
Twenty years of specialization in gas heating have produced for you, in the new Bryant Model 45 Boiler, the heating plant which will give you the greatest permanent asset from your heating equipment budget.

MORE LIVING SPACE IN YOUR SAME FOUR WALLS

As American life broadens and becomes richer in its variety of interests, many a family finds that its once ample home is cramped and under-sized. Downstairs, in the basement, however, there is almost always unused space which, properly handled, will meet the changed conditions.

"Properly handled" means simply the right heating plant and a modern transformation of the basement.

The right heating plant is one which (1) generates no soot, dirt or ashes; (2) releases no grimy vapors or odors; (3) needs no storage space for fuel or refuse; (4) is noiseless; (5) requires the irreducible minimum of human attention; (6) "orders its own fuel"; (7) harmonizes unobtrusively with whatever decorative treatment is given the room in which it



Bryant Gas Heating is so utterly clean and noiseless that it enables a boiler to be placed in the kitchen if desired, as shown here. Color plate free on request.

is installed, and (8) can, therefore, be left exposed to view, without screening or partitions.

New houses are built with "living basements," with useful rooms of the kind indicated in the first illustration. Old residences can be modernized, too, so that the basement is no longer a place barred to guests and avoided by the family.

The latest Bryant Boiler, Model 45, illustrated on this page, is a heating plant perfected for just the use described above.

COULD YOU OR YOUR FAMILY MAKE GOOD USE OF ONE OR MORE OF THESE ROOMS?

For ADULTS

Card room
Man's study
Room for hobbies and collections
Billiard room
Tap room
Home office
Studio

For CHILDREN

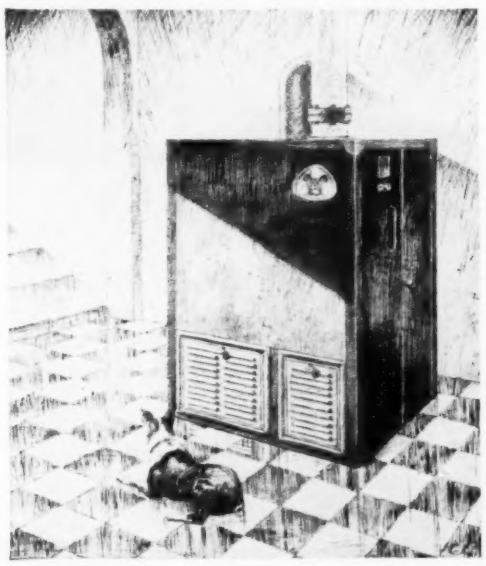
Play room
Gymnasium
Study room
Workshop
Theatre

For the ENTIRE FAMILY

Movie hall
Dance floor
Game room

THE ANSWER IS BRYANT HEATING

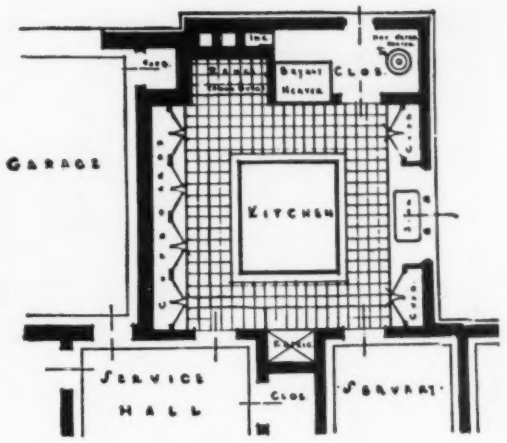
The new Bryant Model 45 Boiler has an enclosed body of streamline design, with all controls and accessories concealed. The outer cabinet is of the handsome, crystalline finish so widely used on fine metal specialties. An instrument panel, similar to that on your automobile, groups at one point the few gauges which ever call for passing attention. In every detail it classifies as a handsome piece of metal furniture. It does not need to be screened or hidden from sight.



THE LATEST BRYANT

The new Model 45 Bryant Boiler which makes possible the truly modern treatment of the furnace room as livable space.

With a Bryant 45 in your basement you can enjoy increased living space in a house in which the heat is always ample, where day and night temperatures are held uniform within a single thermometer-measured degree, without constant attention. A single match is usually your winter's kindling. You will 'tend furnace by the calendar, not by the clock. Your Bryant will be as clean in the basement as it is in the picture. Daily cleaning will be made easier, redecorating and refurnishing postponed by years.



No mechanical knowledge is required to operate this heating plant. There are many Bryants which have been in use ten, twelve and fifteen years without needing a single repair or requiring any servicing beyond the annual fall inspections. Cost? Less than you probably believe possible for such utterly automatic and dependable heating. Moreover, you pay for your gas only after you have used it. No money is ever tied up in fuel.

YOU CAN KNOW YOUR COST IN ADVANCE

The nearest of our branch offices will be very glad to see that you are furnished with a careful estimate of the cost of installation of a boiler or furnace exactly fitted to your particular residence, together with dependable figures for its yearly operating cost.

This service is rendered without the slightest obligation on your part.

Simply let us know at our home office that you are interested.

THE BRYANT HEATER & MFG. COMPANY
17810 St. Clair Avenue Cleveland, Ohio

BRYANT GAS HEATING

For steam, vapor, hot water or warm air systems in new houses or old residences, large and small

THE PRODUCT OF 20 YEARS' SPECIALIZED EXPERIENCE IN GAS HEATING

Lupton Residence Casement Windows and Lupton Heavy Casement Doors add to the smart appeal of this charming residence.

An interesting hallway termination is achieved with this Lupton Heavy Casement Door.

Lupton Residence Casements provide scientific lighting and ventilation for a modern kitchen.

LUPTON CASEMENT WINDOWS

HALF THE ENJOYMENT OF A HOME IS IN ITS WINDOWS

WINDOWS are the high lights of a house. They relieve walls, with squares of sparkling life. From within, they serve as living pictures of the changing seasons: flaming autumn, crisp winter, pregnant spring, mellow summer.

Houses must see *and breathe* through their windows. Indeed, the matter of ventilation makes windows the most important appointment of the home. They bring fresh air to the bedroom at night. They carry off the cooking odors of the kitchen. The healthfulness of every room depends upon their efficiency.

Lupton Casement Doors harmonize with the decorative treatment of this dainty boudoir.

Among home owners and home builders, there is a growing recognition of the influence of windows in the day-by-day life of the home. This has been expressed in an increasing preference for steel casements.

In the Lupton Steel Residence Casement, the home window attains its highest development. Slender steel lines divide the glass, and create charming delicacy in the design.

Beneath this beauty is a sturdy usefulness that will stand up through the years. A new Lupton friction-hinge assures effortless operation, and prevents chatter in a high wind. Housewives will appreciate the fact that both sides of the window can be cleaned from within the room. Made of steel, these windows will not swell or stick on damp days. When shut tight, a double contact of sash and frame *locks* out cold, obviates weather-stripping, and cuts down furnace expense. In summer, the window-leaves can be opened to borrow the slightest breeze.

It used to be the fashion to date residences by carving the year in stone over a doorway. Today, the type of windows used determines the age of the house. Steel casements are usually signs that the building is modern in every respect. Their varied advantages make them the logical windows of the future. May we send you a free copy of the booklet, "Better Windows for Your Home"? David Lupton's Sons Co., 2253 E. Allegheny Avenue, Philadelphia, Pa.

This beautiful Detroit home is protected from temperature extremes with Masonite
Owner: C. W. HARRAH
Contractor: MYLES W. STANDISH

"...and I must tell you all about these streak-proof ceilings"

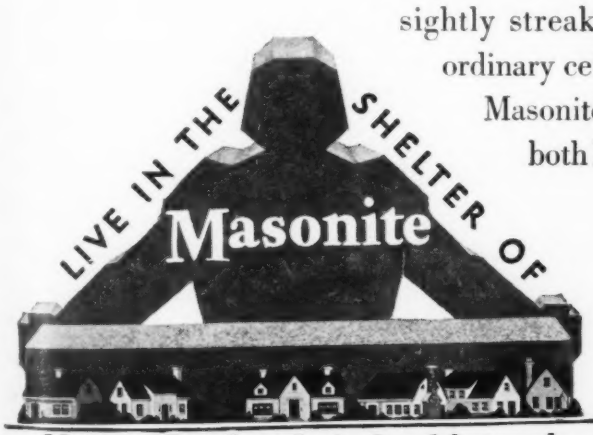
Enthusiastic over your new home, you just can't help explaining how Masonite Insulating Lath protects walls and ceilings from unsightly lath marks. It helps to preserve the beauty of charming interiors at the same time that it guards from extremes of heat and cold.

This all-wood plaster base provides a continuous protecting shield around each room. It eliminates the unsightly streaks found on ordinary ceilings.

Masonite is used in both building and modernizing. It deadens sound between rooms or apartments. Used as structural insulation, it cuts down loss of heat through roof and walls, reduces heating plant costs, radically lowers your fuel expense.

Every home lover should read the interesting booklet which shows the many ways to use Masonite. The booklet is sent free to those who appreciate enduring comfort, economy and beauty in the home. We suggest that you mail the coupon NOW.

MASONITE CORPORATION
111 West Washington Street, Chicago, Illinois



Masonite

STRUCTURAL INSULATION · INSULATING LATH · PRESDWOOD

© 1929 M.C.

Masonite Presdwood—for breakfast nooks, paneling, radio cabinets and toys

Masonite Presdwood is an ideal material to use around the home. It is a grainless wood board for paneling and making things. Presdwood has no splintering edges to hurt tiny fingers, does not crack or split. This attractive material is highly resistant to moisture, can be left unpainted or given any finish. Carpenters apply it. Lumber dealers have or can get it for you. Check the coupon and get the Presdwood booklet.

Send for FREE Booklet

Mail the attached coupon today. It will bring you the interesting Masonite booklet every home-owner or prospective home-owner should have.

MASONITE CORPORATION, Dept. 765
111 West Washington Street, Chicago, Ill.
Please send me, free, the story of Masonite.

Name.....
Street.....
City.....*State*.....
☐ If interested in Masonite Presdwood, check here.

In this charming bathroom, walls, floor and ceiling are of Marble.

For the Average Home, too ---

Today, even the modest home can enjoy the matchless beauty, the striking veinings and colorings, the "centuries-old" cultural atmosphere of this distinctive material. The cost of marble for fireplace, radiator top, lamp base . . . . for bathroom, sun parlor, kitchen (and the garden, too) . . . . is not only initially reasonable, but marble requires so little maintenance that it is actually the most economical of building materials . . . . and, of course, the most beautiful and refined.

There is No Substitute for Marble

We have recently published a series of books giving valuable facts and interesting suggestions about the use of marble in various buildings, including home and garden treatments.

Write us, naming the type of marble work you are interested in and a copy of the book covering that subject will be sent you immediately—without charge, of course. Address Department 6-T.

NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING - CLEVELAND, OHIO

Without this HEAT SAVER, your heating equipment must heat all outdoors . . .

TO waste a third of the heat the furnace makes is exactly the same as throwing one shovelful of coal, out of every three, into the ash can—letting one gallon of oil out of three run down the sewer—one cubic foot of gas out of every three escape.

Absurd as it sounds when put that way, that is exactly what happens when heating equipment is incomplete—when it does not include a Balsam-Wool Blanket to *keep the heat in.* One-third or more of the fuel goes to heat the *outdoors* air—only two-thirds produces useful heat.

A Balsam-Wool Blanket stops this loss—makes your heating equipment *complete* and *modern*—and certain to be still modern five or ten years from now.

Balsam-Wool is for old houses as well as new. In an old house a Balsam-Wool Blanket in the attic—quickly and economically installed by any carpenter—will stop most of the heat loss and soon pay for itself in fuel saved.

In a new house the Balsam-Wool Blanket costs but little extra. A smaller boiler and fewer or smaller radiators are needed. This saving alone goes a long way toward paying for the Balsam-Wool.

Keep clearly in mind that Balsam-Wool is *thick*—a full inch is recommended. It is *flexible*—tucks into every nook and cranny. It is made for the single purpose of *saving heat*—and does it as only a thick *flexible* insulating blanket can.

You should know more about it. Send the coupon for a free sample of Balsam-Wool and free booklet.

WOOD CONVERSION COMPANY
CLOQUET, MINNESOTA

Makers of Balsam-Wool, the Flexible Insulating Blanket. Also Makers of Nu-Wood, the All-Wood *Insulating Wall Board and Lath*

Sales Offices in Principal Cities

Balsam-Wool is a guaranteed Weyerhaeuser product—a blanket of fluffy wood fibre that looks and acts like sheep's wool. It is TRUE Insulation—keeping the house warm in winter and cool in summer—because it is—

FLEXIBLE-THICK
EFFICIENT
WINDPROOF
WATERPROOF
FIRE RESISTANT
VERMIN PROOF
LIGHT WEIGHT
PERMANENT

Wood Conversion Company, Dept. 81, Cloquet, Minn. M-13

Gentlemen: Please send free sample of Balsam-Wool and booklet "House Comfort that Pays for Itself." I am interested in insulation for ☐ A new house, ☐ The attic of my present one.

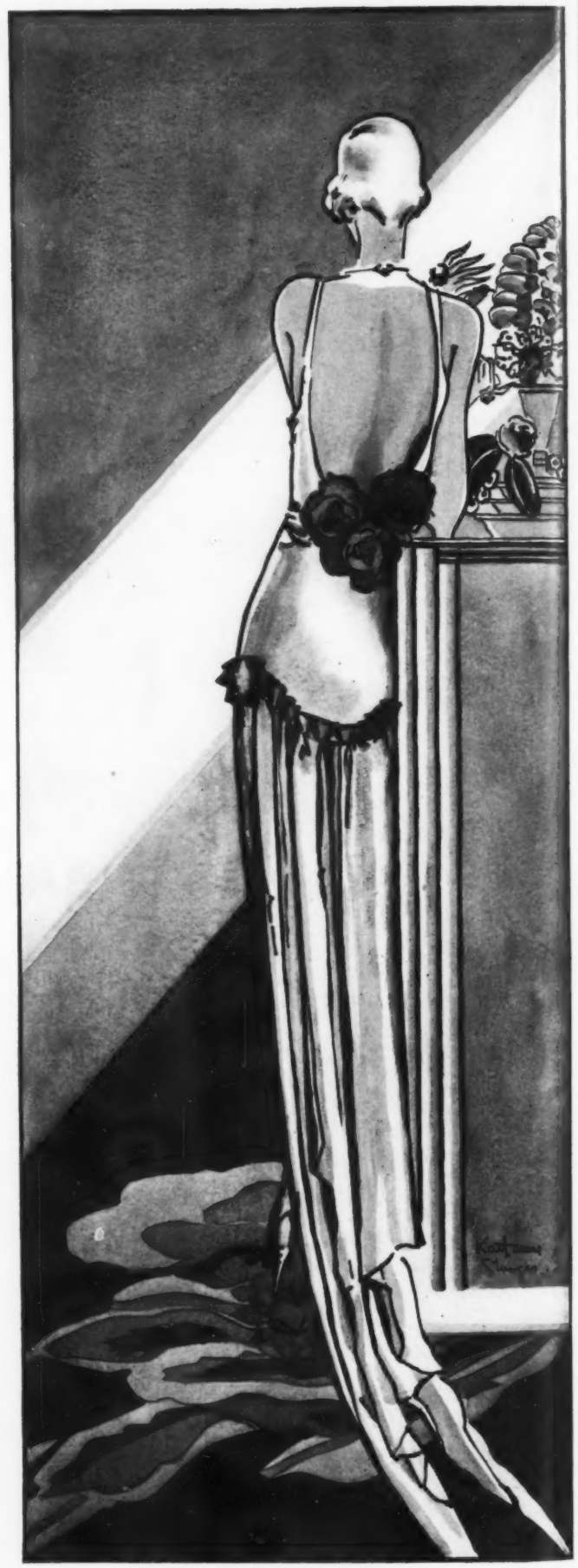
Name.....

Address.....

City..... *State*.....

Paris Styles

decree this modern heating system



PARIS couturieres started it. Modern woman's scanty raiment brings the need for more heat in homes than is comfortable for wool-clothed men. But heating engineers are not far behind. There is today one heating system that brings made-to-order comfort to each member of the family. Everyone who will ever buy or build a home is urged to read these facts about Hoffman Controlled Heat.

This modern heating system enables the occupant of each room to control its temperature, without effect on the temperature of other rooms. The heat output of each radiator is regulated by the touch of a finger on the lever handle of the radiator valve. It commands any given radiator to deliver full heat, three-quarter heat, half heat, one-quarter heat, or none at all. And, because only as the call for heat increases does the supply of steam increase, the amount of fuel burned is comparatively small.

To any standard make boiler and radiators, whether fired by oil, gas or coal, can be added the equipment that makes it a Hoffman Controlled Heat system. This includes Hoffman Modulating Valves and Return Line Valves for radiators, the patented Hoffman Damper Regulator, the Hoffman Differential Loop and Main Vent.

Any good heating contractor can install Hoffman Controlled Heat. When properly installed, perfect operation is guaranteed for years by a conscientious maker. If you plan to build or buy a home, include the comforts of Hoffman Controlled Heat. For those who would like to know more about this most modern of all heating systems, we have published an interesting booklet, which tells the entire story in words and pictures. May we send you one? Address Hoffman Specialty Co., Inc., Dept. H17 Waterbury, Connecticut.

HOFFMAN CONTROLLED HEAT

TILES

that reproduce the effect of century-old roofs

Home of the mother of William the Conqueror, the little town of Falaise, in Normandy, is famous not only for its historical associations but for the charm of its medieval dwellings.

Typical of them is this quaint old house, situated on the banks of a tiny stream which wanders through the town. Its most distinguishing feature is its ancient tile roof, now settled into fascinatingly irregular lines and weathered to delightfully soft hues.

Old as it is, this roof can be faithfully duplicated with IMPERIAL Antique Shingle Tiles. Mellow in color and weathered in texture, they are remarkably accurate reproductions of time-worn tiles from Old World homes.

LUDOWICI-CELADON COMPANY

Makers of IMPERIAL Roofing Tiles

CHICAGO: 104 SOUTH MICHIGAN AVENUE

NEW YORK: 565 FIFTH AVENUE — WASHINGTON: 758 FIFTEENTH ST. N. W.

Observe how faithfully the old French roof above has been reproduced with IMPERIAL *Antique Shingle Tiles.*

For illustrated literature write the Ludowici-Celadon Co., Dept. A-9, 104 So. Michigan Ave., Chicago, Ill.

Buy WARMTH *as you buy* FURNISHINGS *. . . to meet the natural requirements of each room*

NATIONAL *Bonded* **BOILERS**

PLAYROOM

BEDROOM

GRANDMA'S ROOM

BATHROOM

LIVINGROOM

Somebody's FINALLY DONE SOMETHING ABOUT THE WEATHER . . .

"Everybody *talks* about the weather," complained Mark Twain, "but nobody *does* anything about it." Enjoyed for all these years, the jest now loses point. For someone has finally done something about the weather. The "Someone" is the National Heating Specialist; the "Something" is the National *Made-to-Measure* Heating System.

Now you can buy warmth just as you buy furnishings—to meet the natural requirements of each room. Winter will become a pleasant season, instead of one to be dreaded. *Made-to-Measure* warmth will fill your home, bring you a new and wonderful conception of what heating comfort can mean in health, content, and happiness.

Afford it? Certainly. The National Protective Payment Plan sees to that. The National Boiler Bond, absolutely guaranteeing performance, assures that the boiler will deliver as promised, that you'll be completely satisfied. See, phone, or write your nearby National Heating Specialist today.

Send for the "Guardian" booklet; learn of this revolutionary new idea in heating.

NATIONAL RADIATOR CORPORATION

Executive Offices:
33 West 42nd Street, New York, N. Y.

NATIONAL *Made-to-Measure* HEATING SYSTEMS

Made-to-Measure comfort, the new vogue in home heating, is scientifically established by formulae and tables computed by Prof. S. E. Dibble, Head of the Heating and Ventilating Department of Carnegie Institute of Technology, and Past President of the American Society of Heating and Ventilating Engineers.

Copyright 1929
National Radiator Corporation

Hundreds of thousands of homes now enjoy *Automatic Oil Heat* . .

Automatic Oil Heat provides unvarying warmth—real comfort—in *every* room of the house

You, too, may share in its advantages

IT is no longer necessary or fashionable to manufacture your own heat. Oil heat—the modern development in man's search for effortless, uniform warmth—is now the established mode of efficient heating . . . as essential to modern comfort and convenience as electric light and the telephone.

The rapid growth of oil heat is due largely to the endorsements of those who have experienced its advantages. It is not alone the relief from drudgery that is responsible for the enthusiasm of its users. It is the fact that with an oil burner in the house you never have to *think* about heat.

A Better Heating Service

Oil heating is not merely a substitute for manually operated heating systems. It is a new conception of a better heating service. In addition to eliminating the thankless, wearisome task of shoveling coal and ashes, it provides a steady even flow of clean, healthy heat at the right temperature.

Oil—The Economical Fuel

An oil burner thriftily guards your purse. Automatically controlled, it consumes fuel only when heat is needed. No wasted, half-burned fuel is carted away. Nor is it necessary to burn fuel all day simply to provide a little heat for chilly evenings.

If you have electricity and running water in your home, you will want oil heat. The Oil Heating Institute exists for the purpose of acquainting you fully about oil heating. Call on it for the facts. The coupon will bring you an informative and interesting booklet on the subject. *You will not be subject to further solicitation.*

OIL HEAT AS BENEVOLENT AS SUNSHINE

A decalcomania of this emblem of the Oil Heating Institute appears on all oil heating equipment of the manufacturer members.

OIL HEATING INSTITUTE

342 MADISON AVENUE, NEW YORK

OIL HEATING INSTITUTE, Dept. H.G. 9, 342 Madison Ave., New York City
Please send me your booklet on oil heat entitled "Oil Heat and the Business of Living."

Name ..... Address .....

City ..... State .....

INTERNATIONAL CASEMENTS

Residence
Larchmont, N. Y.

John Russell Pope
Architect

International Metal Casements, with or without leaded glass, are of two types—the Custom-built and the Cotswold. Both types are of uniform high quality, and are guaranteed weatherproof when installed by International erectors.

We shall be pleased to send you, upon receipt of 10¢, a copy of our illustrated booklet, "The Window Artistic", which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT Co INC

· JAMESTOWN, NEW YORK

IN CANADA: ARCHITECTURAL BRONZE AND IRON WORKS, TORONTO, ONTARIO

"Afford it?
~ ~ we couldn't afford to be without it"

If you are still holding to a less efficient heating method, you are paying for the advantages of Electrol without enjoying them.

The fuel economy, labor-saving convenience, cleanliness and healthful comfort of Electrol Automatic Oil heat are amazingly low in cost—much less than you would expect.

The selection of Electrol by people to whom cost does not matter and the enthusiastic praise of owners everywhere may have caused you to think that this finer burner commands a higher price. A mistaken idea—as any owner will tell you.

Electrol's distinguished performance and long trouble-free life make it not only outstanding as an oil burner value, but also acceptable as a practical form of heating for any home.

Electric ignition . . . electric throughout . . . entirely automatic, Electrol represents automatic oil heat *at its best.* Governed in every phase of its quiet operation by the exclusive *Master Control.* Sizes for every home. Convenient terms. May we send you descriptive literature?

ELECTROL INCORPORATED
171 Dorcas St., St. Louis, U.S.A.

ELECTROL
The* OIL BURNER *with the Master Control

LISTED AS STANDARD BY THE UNDERWRITERS' LABORATORIES

MEMBER
OIL HEATING
INSTITUTE

Ambler Asbestos Products also include:

WALTILE
an enameled asbestos wallboard finished in seven colors.

LINABESTOS
a fireproof cement asbestos sheathing.

AMBLER ASBESTOS CORRUGATED SHEETS
for industrial building.

AMBLER ASBESTOS LUMBER

NOTE the beauty of the irregular roof lines on the home pictured here; see how this treatment fits in perfectly with the French architecture. Yet this is one of our less expensive types of shingle.

Architect:
JESSE L. BOWLING
St. Louis, Mo.

To Home Builders Who Put Quality Ahead of First Cost

We Offer Ambler Asbestos Shingles

You get just about what you pay for in this world, be it automobiles, clothes or building materials. First cost isn't most important. In selecting a roof, if you will pay just a few dollars more you can get a material that will not wear out, fade or catch fire. Before building, make sure the roof you are offered will meet all these tests.

In Ambler Asbestos Shingles you can have color, broken roof lines, thick butts, shadows—anything any other roofing material will give you, PLUS full protection and longer life. It will pay you to use the coupon below to learn more of this modern roofing.

Gentlemen:

I am interested in your rigid shingles. Please send me full data.

Name .....

Street .....

HG-3 City .....

AMBLER

ASBESTOS SHINGLE & SHEATHING COMPANY

Main Office: Ambler, Penna.

Factories: Ambler and St. Louis, Mo.

In your home safe, wholesome COAL HEAT *can now be Automatic!*

AUTOMATIC heat! The difference between dressing in a room already cozily warm . . . and shivering at the thought of once more being obliged to wake up a cold furnace.

This luxurious automatic heating can now be *yours* . . . without changing either your present furnace, or the fuel you like best. Iron Fireman has made *safe, dependable coal* an automatic fuel!

And the really wonderful part of Iron Fireman is that you can enjoy all the comfort and convenience of automatic heat, and *at the same time make a surprising reduction in your fuel bills*. Thousands of enthusiastic owners are proving that Iron Fireman *actually pays its own way!*

The Iron Fireman burns the smaller, less expensive sizes of coal . . . "*Forced Underfiring*"—the scientific principle of combustion upon which Iron Fireman's success is founded—gets the maximum heat out of every ton of coal.

In the new *De Luxe* model, Iron Fireman now brings to *homes* the same mechanical advantages which for years have made such tremendous savings in thousands of industrial heating plants throughout America . . . in hotels, apartments, factories, office buildings, theatres.

No more dressing in cold rooms! The Iron Fireman De Luxe warms the home automatically before you waken in the morning.

The Iron Fireman *De Luxe* model is designed especially for fine homes. It is attractively finished in the modern style, in smart modish colors.

The Iron Fireman can be installed in any kind of home furnace, either old or new. Installations quickly made, with practically no interruption in heating service. Get in touch with your local Iron Fireman organization. They will be glad to examine your furnace and tell you how to secure the greatest possible comfort at the lowest cost. Literature mailed free on request. Iron Fireman Manufacturing Company, Portland · Cleveland · St. Louis.

SEND FOR FREE BOOKLET

IRON FIREMAN MANUFACTURING COMPANY,
Portland, Oregon

Send booklet, "*Luxurious* AUTOMATIC COAL HEATING *Now an Economy*," which tells all about the IRON FIREMAN for homes.

H. & G.-9

*Name*_____

*Address*_____

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THE IRON FIREMAN
Automatic Coal Burner
De Luxe

3 NEW CHRYSLERS

THE NEW
WITH MULTI-RANGE GEAR SHIFT "77"

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"66"

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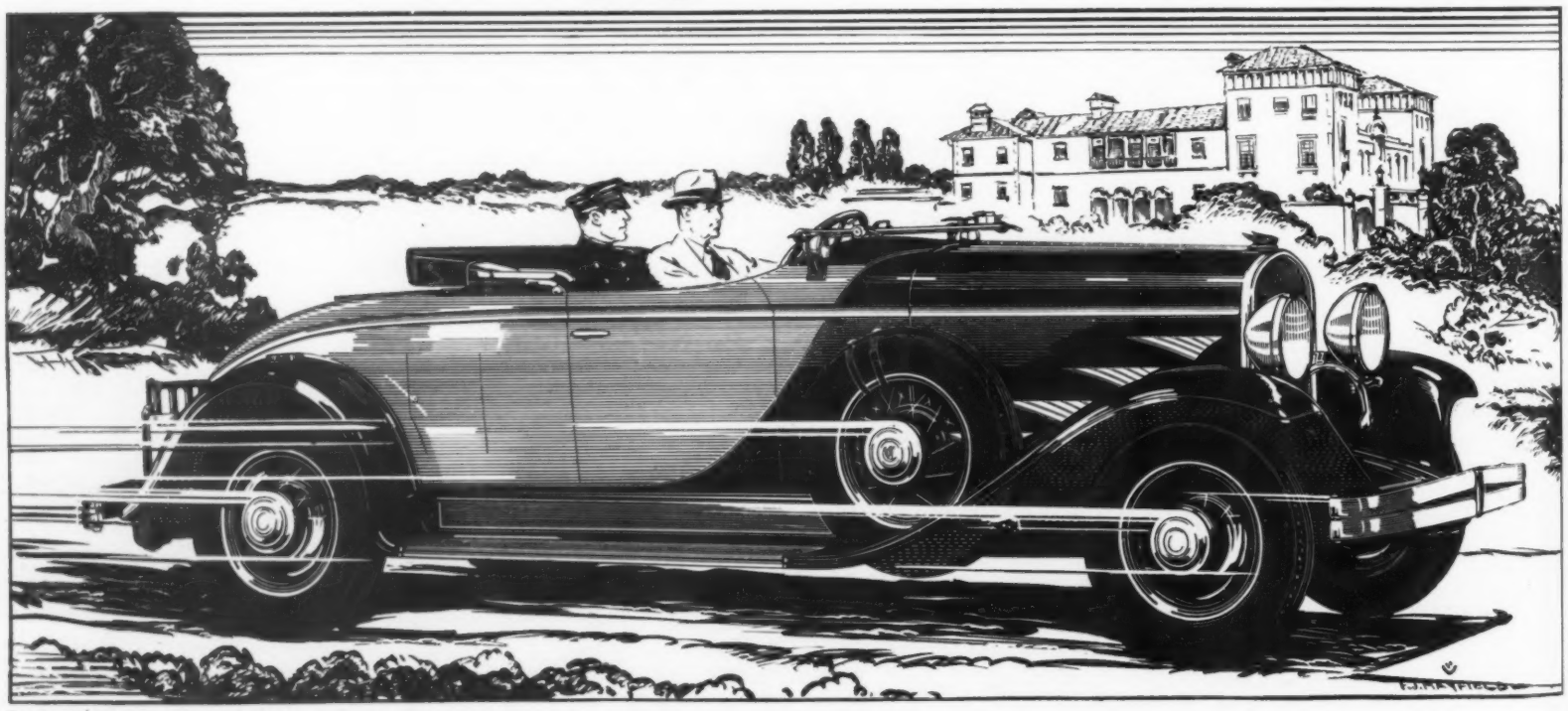

THE NEW "77" ROADSTER

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HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*
ROBERT S. LEMMON, *Managing Editor*

WE are living in an age of infancies, and some of us have tired of being nurses to them. It took a long time for the movies to finish their innocent childhood, but scarcely had they attained an established and efficient youth when we were plunged into the talkies—and now we have to suffer them through their distracting infancy. The radio managed to complete its helpless years with many static squalls and we had settled back to enjoy it when, looming ominously on the horizon, comes television—and Heaven alone knows what that will bring. Indeed it is a poor year when the long-suffering public is not asked to be patient with some infant discovery, born in the name of Progress and baptized a nuisance by many; it is a poor year when our accustomed ways are not diverted by some new movement in industry or art which glibly promises to make life simpler or easier or fuller or more beautiful or what have you.

The average housewife has nursed the labor-saving craze through its precarious beginnings but has yet to find a substitute for good, old-fashioned common-sense and elbow-grease. If the bright boys of the world would only turn their attention to intelligence-producing machines we might, with the average run of contemporary servants, be able to reap more ease from our multitude of labor-saving devices.

Then there is the infancy of Modernism in decoration, and we're not quite sure who left the child on our doorstep. The Germans take one glance at the infant and say the French did it, and the French shudder at the thought and say it looks German. Between them they have bequeathed us a strange hybrid which we are supposed to take indoors and raise. And all this when we had just become accustomed to a Primitive American revival of our forefathers' kitchen furnishings, when we had just stolen a favorable glance at French Provincial.

The Golden Age, over which poets rhapsodize, was doubtless an age without inventions that must be nursed and movements that must be dandled on the public's knee. One almost wishes we could have lived in it, and the idea is pleasantly contemplated until some scholar, delving in the past, brings evidence to prove that there never was a Golden Age. So, it appears, mankind has always been destined to stand as parent to the world's infancies, and that until the end of time man will make many inventions which we will have to see through their helpless years. That way, we conclude, lies progress; that way the race struggles forward and will continue to struggle. Yet there need never be any fear that life will become a sweet vacuum. The ease that one invention provides is snatched by the demands or amusements of another.

In some strange way the God of Things As They Are maintains a balance of distraction. The life that is complicated in one respect is compensated for by simplicity in another. Thus the yoke becomes easy and the burden light, and so long as we are alert and capable of being interested in life, we must assume our parenthood with gallantry and grace. There seems to be no choice in the matter; we must pleasantly accept new infants as they arrive.

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The BULLETIN BOARD

STOCK Plans. It has been rather difficult at times to explain to our readers why House & Garden does not sell house plans. Throughout its career this source of revenue has been sedulously avoided. And it has avoided selling cheap job lots of plans because to do so would trespass on the architect's province and, as has developed recently, because it would tend to make the architecture of the home a standardized product, which is highly undesirable. It also offers a temptation to scheming subdivision operators who "improve" good designs with lamentable results. Let stock plans become commonplace, and our home architecture will assume a deadly sameness, and young architects will have no means of getting started in their professions.

STYLING. The other evening we listened enraptured to a young lady discourse on the glories and advantages of styling—how the stylist was making people eat dessert with both a fork and spoon and making people use a knife to cut up lettuce, thereby helping the silverware trade; how the stylist was putting all kinds of household gadgets in such tempting forms that no woman on earth can resist them. And so on through a great list whereby the stylist has made American commerce the most prosperous in the world. But there was one thing she forgot. No one has styled a bank account to make it elastic. No one has styled a check book so that paying bills becomes delirious delight. Most of our contemporary styling seems designed for women. The male of the species must continue on his dreary way unstyled—and broke.

ON A COLLECTION OF GLASS IN FREELANDS, KENTUCKY

Out in your garden the Poppies and Peonies,
Roses and Tulips and Iris are glowing,
And over all their brightness and freshness
Glisters the rainbow.

And the high sun that makes lovely the flowers,
Makes these resplendent, your things of old usage,
Pitchers and bowls, jugs, beakers, and goblets,
Vials, flasks, and cruses.

They glow on us here in their blues and their purple,
Their greens and their crystal, their saffron and amber,
And the high sun here finds objects he sought for—
Prismatic, translucent,

And glows in the bowls, and flashes from edges
Of flasks and of vials, and makes lustrous the cruses,
Till from these glasses, their stillness and brightness,
A poem reaches to us:
A poem of content, and a poem of rejoicing:
Here are the measures of old, constant usage,
And for their making man found him a substance
Endued with such radiance!

—PADRAIC COLUM

DEDICATION to a Queen. Most Rosarians know the splendid opening paragraph of Dean Hole's famous book on Roses, for it has become the gospel for those who would serve this Queen of Flowers, but few people know the dedication of Miss Willmott's *Genus Rosa:*

To Her Majesty Queen Alexandra

Most Gracious Lady,

Herewith I lay at Your Majesty's feet a Book of Roses, wherein I have striven to set down, with such poor skill and diligence as has been vouchsafed to me, all that I have learned of that most Royal Family of the Kingdom of Flowers. For as there are many races and colors of men, so are there many hues and diversities of Roses; but whereas, by the imperfection of our nature, the beauty of men fails to reach that of the Divine Image, being indeed too often turned even to that which is vile, yet shall you never find a Rose that is not most lovely, sweet and perfect, full of that grace which comes only of purity, and abounding in that beauty which dwells only in God's own handiwork.

And albeit such a task might appear too high for such an one as mine own self, and albeit I might seem unworthily and presumptuously to vie with that Greek poetess of old, of whom it was said that "she hath left little, but all Roses"; yet, being mightily encouraged thereto by Your Majesty's gracious countenance and protection, I have to the best of my power endeavoured to accomplish it. And forasmuch as mere words must needs fail to give just meed of praise to the beauty of Roses, I have been beholden to the skill of a cunning limner, who has striven so to portray each leaf and blossom that all may readily know and love the same. Wherefore, most Royal Lady, it remains only for me to dedicate, according to Your Majesty's gracious permission, my Roses to our own peerless Rose, my Queen of flowers to the Queen of our English hearts; beseeching you herewith to accept the humble and dutiful devotion of

Your Majesty's most faithful and
obedient servant,
ELLEN WILLMOTT

DECORATORS' Homes. It does not follow that because shoemakers' children have no shoes and parsons' sons no religion that decorators have no good homes. In this issue begins a series of decorators' houses and apartments which will show what a decorator accomplishes when she can do as she likes.

A BOOK of Color Schemes. There will soon descend upon the palpitating world a book that it has long awaited. For some reason or other no enterprising publisher has sensed the great interest in color. Its use is daily increasing. People want to know how to add this color to that and make a pleasant room. They want to know the traditional color schemes of the historic periods and of the modernist alike. They need information on how to coordinate the different colors in the various rooms of the house. All of these facts and many more—indeed it contains over 200 color arrangements, 300 photographs and eight pages in color—will be found in House & Garden's Book of Color Schemes, appearing after September 15th.

CHIPPENDALE and Cocktails. All is not gold that glitters in an antiquary's window. It started with an overwhelming desire on our part for a certain type of Chippendale chair. Being addicted to antiques we combed the various old furniture marts along Third Avenue, in New York City, that Mecca of the searcher after interior atmosphere. But to no avail. All the other types of chairs designed by the versatile Thomas were to be found, but this particular style continued to elude us. Compromise was unthinkable, so we bided our time. One day when prowling along thinking of nothing in particular we noticed a new shop which had sprung up, mushroom-like, overnight. In common with its neighbors, it featured old furniture, Staffordshire pieces and the countless engaging what-nots offered by the canny antique dealer. And in the center of the window, flanked by protecting chests of Pilgrim origin was the Chippendale chair of our dreams.

Forced to leave town that day, it was a week before we thought of the chair again. Then on hastening to the spot, we perceived an unaccustomed aura of neglect. The sidewalk was unswept, dust had collected on the window, while the door, which previously had been hospitably open, was now securely padlocked. And in the center of the window, in the spot formerly occupied by the coveted chair, was a small pasteboard sign. It too was flanked by the austere Pilgrim chests. It read, "Closed for Violation of the National Prohibition Act"—*Sic transit gloria mundi!*

A FANTASY FOR WEEKS

A thought has often come to me—
Why doesn't someone conquer weeds,
Some hand adept at royal use
Of coaxing wonder from mere seeds?

For it's our loss some garden skill
Can't take what's thus so rich-begun
Of all those dancing things gold-kissed
And happy in caressing sun! . . .

Why strike against them with a hoe?
Why, somehow, can't this battle stop?
Won't someone call an armistice
With yonder thistle's purple top?

—HARRY KEMP

Shoji Osato

WITH PARIS FOR BACKGROUND

An old wall paper, "The Monuments of Paris", printed in red on a cream ground, with wood trim painted ivory, marks this Directoire dining room in a country house at Highland Park, Ill. of which Irene Sidley is owner and decorator

WHEN BEAUTY BEGINS AT HOME

Proving That a Decorator Practices What She Preaches

In the Appointments of Her Own House

IRENE SIDLEY

THERE is no truer saying than, "We never know what is just around the corner." If anyone had told me a year ago that a French house and a miniature garden with a bosquet were lurking just out of sight, I should have promptly replied, "My dear, you should consult your physician without delay." But here within a year is the unbelievable, completely furnished; the fruit trees have all blossomed, and the Lilacs, and now the perennial beds are in full bloom and the bosquet has proved an ideal spot for the taking of sun baths.

Small houses have a charm and intimacy quite lacking in more pretentious places and the size of this one appealed to me at once. Almost complete at the time I saw it, it was the first house of a young architect who had given to it not just the Normandy feeling, but the charm of France itself. I appropriated it at once and immediately moved in mentally.

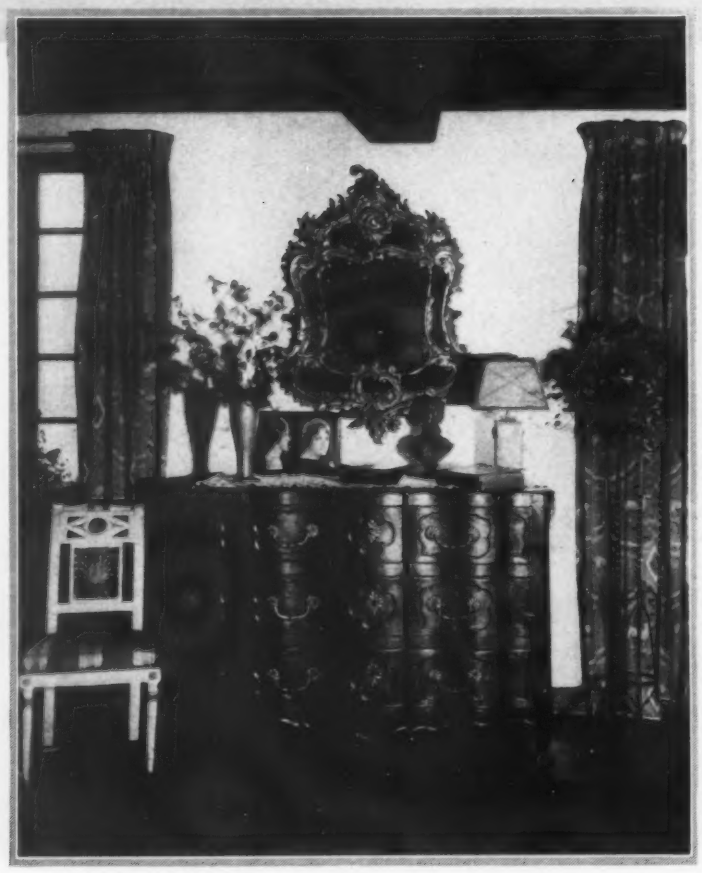
The entrance hall with sand finished plaster walls of natural color and rubberized flooring in black and white, has baluster and stair-rail of wrought iron in a graceful arrow design. Two Chinese carved wood gods adorn a pair of wall brackets. At the left is a coat closet and a dressing room is on the right. In the dressing room I barred off the walls with marine blue and red lines, placing in the center of alternate squares thus formed the silhouette of the "Coq de France" in blue with red comb. A tiny provincial mirror, a blue rubber duck with open back forming the soap dish, and blue and white striped towels complete the furnishings of this tiny although important space.

The living room is entered through solid wooden doors fitted with French hardware. The south end of this room is paneled with the exception of the chimney breast, this paneling, a rich brown in color like provincial rooms, enclosing recessed windows on either side of the fireplace, as well as narrow book shelves. The cool tone of the sand finished walls and the dark note of the woodwork necessitated color in the decorations. So for the curtains and slip covers I used a soft red linen patterned in a design of gray sheep. Two Directoire bergères covered in old quilted skirts stand beside the fireplace. A fine old commode, with mirror above, stands between the windows on one side wall, balanced on the opposite side by an antique provincial desk.

Another group in the living room consists of an antique wall paper screen decorated with old prints of Chantilly and St. Cloud placed at the back of a graceful marquise. The frame of this piece is painted red and the covering is an old quilted skirt in dark greens and reds. The Scotch wool rug is two shades of dark green. Two antique Directoire side chairs and two arm chairs in old gray paints are covered in green, red and gold striped silk, while a pair of provincial side chairs have cushions in a quilted red print. A pair of red Chinese lacquer jardinières and a red lacquer clock give color and interest to the mantel shelf.

The Directoire dining room, with French doors opening onto the terrace, is probably the gayest room in the house. The background is a combination of a dado painted old white and walls papered with the "Monuments of Paris" in red on a white ground. Dinner parties in this room can never be formal as one's guests are forever getting into controversies over the identity of the various monuments, often jumping from the table to

This group is in a French house in Highland Park, Illinois, of which Irene Sidley is both the owner and decorator. The architect was Ames Wolcott Ross



The living room has sand finished walls, oak trim and beamed ceiling. The fireplace end, with exception of the chimney breast, is completely paneled; book-shelves at the ends flank window recesses

This group between windows reveals a fine walnut commode with gilt mirror above. The Directoire chair, one of six, is painted old white with green trim and covered in green and red satin

A corner of the living room showing a graceful marquise covered in an old quilted green petticoat placed against a paper screen. The cape which once accompanied the skirt hangs over the screen

point with a tone of finality to the one under discussion. The curtains here are of dull ivory silk trimmed with Directoire fringe in ivory and red and the rug is a copy of one in a small house in Versailles, in dark green and ivory squares crossed by red marbleized stripes. A dining table in white and gold with marbleized top is supplemented during large dinners by two consoles of the same type which otherwise are placed against the walls. Directoire chairs painted dark green and gold with coverings of green, ivory and red striped satin, and an oval serving table, complete the furnishings. The recessed shelves hold table decorations, including soldier figurines in uniforms of French Grenadiers and Sans Culottes.

Upstairs is the master bedroom, wood paneled across the end. The woodwork is painted green and the wall paper is white with gray dots edged with a narrow border of green and gray garlands. The small mantel, marbleized yellow, is ornamented with twin stars and appliques of the four Seasons in bronze. The shelf holds the "Cries of Paris" figurines and a pair of yellow tôle urns. Opposite the mantel is an old walnut commode with mirror above, and beds along the wall are covered in the same material as the curtains—a soft green glazed chintz with pattern in pinks and yellows. Two overstuffed chairs are in green and rose striped moire; the rug is two shades of green. Connecting is the bathroom with walls in peach marbleized paper, and a rubberized floor of the same tone bordered with black. The tub recess is lined in peach colored tile and each wall is decorated with French prints of the "Cries of Paris" paneled with green and rose stripes. The lavatory is black marble on a Directoire base and the curtains are the same as in the bedroom.

Close by is the room of the young girl of the family. Here wall covering, curtains and dressing table are of ivory percale with small design in raspberry color. The bed is Directoire, painted old ivory and gold and covered in a raspberry and ivory stripe. The lamps and dressing table accessories are of

In the entrance hall the walls are plaster, with woodwork painted gray. A sharp contrast is provided by balusters of wrought iron executed in graceful arrow design. Irene Sidley was the decorator of this house

glass in the same cheerful red and the floor has a rug of the two colors in alternate checks. This is a small room and great care was exercised in the selection of furniture. The dressing table alone contains seventeen compartments and the secretary has three drawers and a spacious desk in the center. The night stand has a drawer and a cupboard. With these few pieces it is possible to live comfortably.

Another bedroom has brown woodwork and natural sand-finished walls. I chose French percale in copper and kings blue for curtains and upholstered bed. A provençal chest of drawers with gilt mirror above, a rustic armchair, rush seated with cushion in large blue and ivory check, a *prie-dieu* with quilted cushion, and a small kidney table constitute the furniture. Above the bed are two fine prints with kings blue border and black glass mats. The rug is a leopard design. A bath nearby is painted water green with old flower prints paneled on the walls, and the bath curtains of green bear the monogram of the owner. Connecting the master bedroom with the bath is a narrow passageway which has been converted into an unusually successful small dressing room. One side wall is lined with cupboards, with a recessed center portion in which is placed a commodious dressing table. This section is completely lined with mirrors, even the top of the table itself being mirrored. There is a drawer underneath large enough to hold the various toilet articles and the small dressing table bench fits nicely in the space underneath—out of sight and out of the way when the hall is used as a passageway. Considerable ingenuity was employed in designing the cupboards in this space. One is full size to hold frocks and evening wraps; the cupboard on the other side of the table is divided up into drawers and compartments for hats and shoes. Both are lined with a gay and colorful French paper in which the main decorative motif is a cornucopia over flowing with flowers. This pattern is carried into the decoration of the cupboard doors which are paneled and, together with the drawer front, are ornamented with formalized

The table in the Directoire dining room is old white and gilt, with green marbleized top; the chairs are of green and gold and covered in striped satin; green, ivory and red are the colors found in the rug

cornucopias painted in soft colors on a dull green ground, the panel moldings being picked out in gold. The bench has a frame of fruitwood in provincial design and a covering of satin in green and rose stripe. A view of this small dressing room will be found on page 93.

Small spaces of this kind can frequently be utilized to good advantage and there is no limit to the lengths one may go in the way of decorative treatment. Nothing is too gay or extreme for a small powder room, a linen closet or dress cupboards. One of the most successful rooms of this kind that I ever did was a tiny dressing room under the stairs in a country house near Chicago. Here I used an amusing modern French wall paper, the design inspired by the war and called "The Allies". This was in gun-metal coloring and formed an interesting and somewhat unconventional background. On account of the rather sombre coloring, I introduced a brilliant note in the drapery of the dressing table which was hung in lacquer red glazed chintz finished with a half inch binding in black. The flouncing was made in two tiers and finely pleated; all the appointments were black glass and there was a black rug on the floor.

The outside of my small French house is quite as interesting as the inside due to fine proportions and an effective use of several building materials. The center portion is made of rubble stone. The wing, which contains the living room, with large bedroom and bath above, is stucco finished with cut stone at the corners. On the right are the service portion and the garage. This section is half timbered.

In front is a long terrace with stone floor. Here is a large tile top table on which we dine *al fresco*, and scattered around this are occasional wicker chairs fitted with deep cushions which are covered in colorful checked material, betraying the fact that, after all, we are in America where ease is a large factor in decoration.

So twenty-five miles north of a rushing, noisy city, tucked away in a tiny garden, is a bit of old France where I ride smoothly at anchor in a peaceful harbor.

SULTANS AND GARDENS OF SPICE

An Exposition of the Various Beauties and Sensations That Are To Be Found In Tropical and Sub-tropical Gardens

RICHARD LE GALLIENNE

THE charm of a tropical, or sub-tropical garden, to the usual Anglo-Saxon, presuming that he is not entirely made of "business" but has a touch of fancy in his composition, is that its trees and flowers are almost entirely new to him. He has read about them in the Bible or in "The Arabian Nights", and thought of them as exotic decorations of literature; but he has not conceived of them as natural to Eastern lands as the Hickory or the Elm or the Oak is to America or England. That the Palm should be so commonplace to an Arab as a Maple to a farmer in New Hampshire would surprise him. I well remember how odd it seemed to me, the first time I saw a Cactus, that the passers-by had carved their names into its strong flesh-like stems, as though it were a monument to George Washington.

BUT is there anything on the earth on which "John Jones", or "William Williams", will not carve his name? And there are certain tropical trees which are so familiar to us by prosaic associations that it is hard to realize what beauty they have in their native haunts, before the manufacturer has turned them to all ignoble use. For example, when we sit upon a cane-bottomed chair, or, if we are old enough, recall the days when a school-master's cane was one of the menaces of our youthful existence, we naturally give no thought to the time when these plaited strips, and hard yellow rods, once flourished in their feathery beauty in China or Ceylon. The Bamboo, similarly, so lovely once in its fresh whispering greenery, is associated for us with the cheapest kind of furniture.

EUCALYPTUS, again, has merely a medicinal meaning; and as for bananas, when, for instance, we see their great Fern-like fronds making cool and lovely shade in the old Moorish courtyards of Algiers, it is hard for us to believe that they are the same trees which furnish Italian push-cart men with their livelihood, or give flavor to ice-creams. Even the Date or the Fig-tree, how hard it is for us to imagine them otherwise than as we have seen their fruit crushed flat and dry into boxes at the grocer's. Fig-trees! There is a strange little garden, a "garden of Proserpine", in Algiers, where, when you have once seen them, you will never forget their growing. This is known as "the Garden of the Two Princesses", and in it, too, sleeps an ancient "marabout", or saint, whose soul is said to give life to the gnarled old trunks of the Figs, as the delicate dreams of the dead princesses still whisper among their silver-tinted leaves.

Pale, beyond porch and portal,
Crowned with calm leaves, she stands,
Who gathers all things mortal
With cold immortal hands . . .

OF all the hidden gardens I know, this is the most hidden and the most quiet. As you clamber down through the narrow slits called "Rues" between the high prison-like houses—"wynds" they would call them in Edinburgh, and there are many like them in Marseilles or even in Paris—you suddenly come on a few steps leading up to a door, a door, it seems, to a house like all the other houses about you. You push open the door, and there is the little garden, shut away among tall windowed walls up which vines creep and hang out their tender greenery. And there are the old Fig-trees—a thousand years old, they will tell you—with their gnarled roots clutching the dry, strong ground. Beneath them are two little straight and narrow boxes of white marble curiously carved, with turbans of marble for their headstones. Here lie the two princesses, daughters of a forgotten Dey, whose names, however, are still remembered, N'Fissa and Fatmah. Children play about them, and birds sing and peck, and little votive offerings wave from the branches of the Fig-trees. Outside the merchants sit cross-legged in their booths. Asses and mules, laden with bales of merchandise, pick their way down the narrow paved streets, and swarming throngs of veiled women and turbaned men crowd each other in a never-ending turmoil. But, inside, the two little princesses, undisturbed, sleep for ever in their hidden garden.

THE East has given us so much that we, its bath-tub and open-plumbing conquerors, have ungratefully forgotten; but it has given us nothing more charming than its hidden garden. The beauty that lies hidden and unsuspected—how much more it means than the beauty that declares and flaunts itself to observation. The beauty of butterflies, for example, with their thin garishly decorated wings, all on the surface, immediately and obviously visible, how little does it compare with that of those dark drowsy moths, with their brown, drab cloaks, so closely drawn together, hiding away the sumptuous glories of those underwings dyed so richly with eyes and moons, and feathery textures as of Oriental carpets. Such is the beauty of hidden gardens, and of all the beauty that withholds itself from our first glance, and is only given to the eye that looks closely and long. This is a secret of the East which it carries

(*Continued on page* 140)

Richard Averill Smith

THE SUMMER LIVING ROOM

On the ground floor the portion of this house which reaches out toward the garden has been given over to a recessed loggia which is the actual living room during much of the year. It is the New Marlborough, Mass., residence of Mrs. Ponsonby Ogle, other views of which are shown on pages 110 and 111

ROOMS IN BLACK, WHITE AND GRAY

An Interesting Decorative Treatment That Offers a Refreshing Change from the Conventional Color Harmonies

GEORGE SAKIER

THE combination of black, white and gray—none of which is, strictly speaking, a color—can hardly be termed a color scheme. Its successful use depends more on a nice sense of balance and distribution of values and textures than upon the usual color harmony in which one hue is accented and the other tones employed in more or less equal quantities.

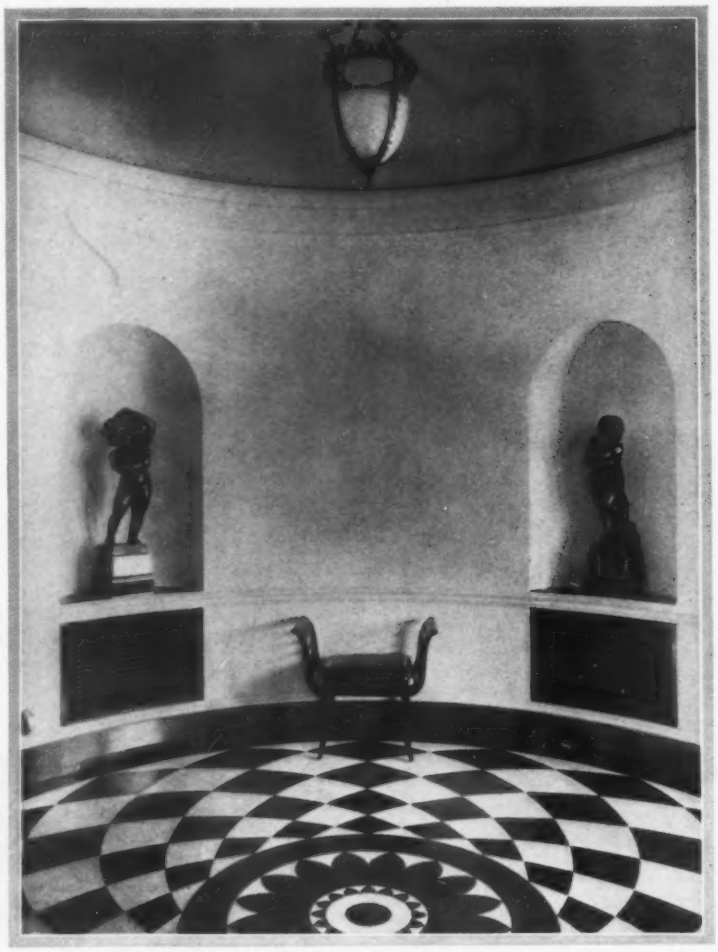
Of whites there is an infinite variety—the provincial and economical whitewash, the haughty magnificence of white marble, discreet and well-bred Colonial whites, and the sophisticated off-whites of African inspiration—eggshell, old white, ivory, écru and the indescribable white that intersperses the stripes of the zebra's coat, all reminiscent of the various tints of desert sands.

Black has less variety, its differences lying chiefly in texture, ranging all the way from the dull deep black of Victorian flock wall paper (in imitation of velvet) to the widely used black glass of modern interiors.

Grays, like whites, are innumerable. There are pink grays, mauve grays, smoke grays, blue grays and yellow grays. These are not strictly grays—may even be termed colors—therefore we will restrict ourselves in this article to what may be called the "gray" grays.

Even thus limited, a wide range of interior decorative treatment presents itself. For example: you may have a brilliant dazzling effect employing all the means of contrast, or a soft blending of silvery tones, or, lastly, a subtle background against which bright colors may be most charmingly exploited.

The first treatment is best employed in a small room such as a foyer, the second is most suitable for bedrooms and the third is appropriate for the living room where a too set color scheme would be least desirable. Their summaries are as follows:



Walls in this hallway are white accentuated by niches holding black lead figures. The floor is marble, and a black bench by the wall has a patent leather cushion. Decorations by the Architectural Clearing House

HALL

Walls: Let us assume that the wall containing the clothes closets faces the entrance door. This space should be hung from ceiling to floor with a sliding curtain of heavy white serge or white sateen weighted at the bottom with a silver chain. This will conceal the closets but permits a ready approach to them by drawing aside the curtain. In the center of this hanging is a simple black pedestal surmounted by a nickel or chromium vase of classic or baroque design. To the walls on either side, which are papered in semi-gloss white paper, may be fixed long horizontal mirrors about two feet high. These are fastened at the ends by simple fluted black moldings to which are attached side lights of silver and crystal. These mirrors might be of the new black deposit variety. Beneath each mirror may be placed a console designed along modern lines, with black glass top and silvered metal legs—or a solid bench cut off at the corners for the comfort of your guests' ankles if the passage is too narrow. This should be covered in black suède and, if desired, can be mounted on flat silver balls at the corners.

Ceiling: Covered in silver tea box paper.

Floor: Some striking black and white effect. This need not be the unimaginative and over-popular checker-board pattern, for there is a wide choice of more interesting designs to be had. More effective would be some special design executed in linoleum, easily accomplished by simply fitting pieces together like a picture puzzle. The writer has one with a motif resembling the double six of a domino.

BEDROOM

Walls: The walls should be painted a soft pale gray avoiding a blue-gray. A small black quarter round molding is all the baseboard necessary.

Ceiling: White calcimine.

Floor: Should be entirely covered with a very light gray carpet. White and black bearskins can be distributed to advantage.

Hangings: Long curtains of gray velvet darker than the walls, with silvered tie backs in elaborate old-fashioned design. A carved valance of the same or similar motif painted flat black terminates the curtains. The tone of the bed covering should be between the grays of the walls and curtains.

Furniture: This should have a modern simplicity of line, made of holly or other light woods, stained light gray and ornamented with narrow darker gray inlays and still more narrow black lines. The furniture handles and toilet articles should be of ivory.

Lights: Side lights and lamps of crystal.

Accessories: The walls can be hung with black and white drawings in black frames; or a few Marie Laurencins in silver frames of which unbelievably good reproductions are now available.

LIVING ROOM

Walls: Light oyster gray, not much darker than white, and composed of flat white, a small quantity of black and yellow ochre mixed together.

Ceiling: Flat white—nothing more.

(*Continued on page* 140)

S. H. Gottscho

Flower prints paneled into the closet doors are interesting notes in this convenient country house dressing room where flowers again pattern the chintz used for curtains, dressing table and chair. The residence of Kenneth D. Hull, Mill Ned, L. I. Walker & Gillette were the architects

Shoji Osato

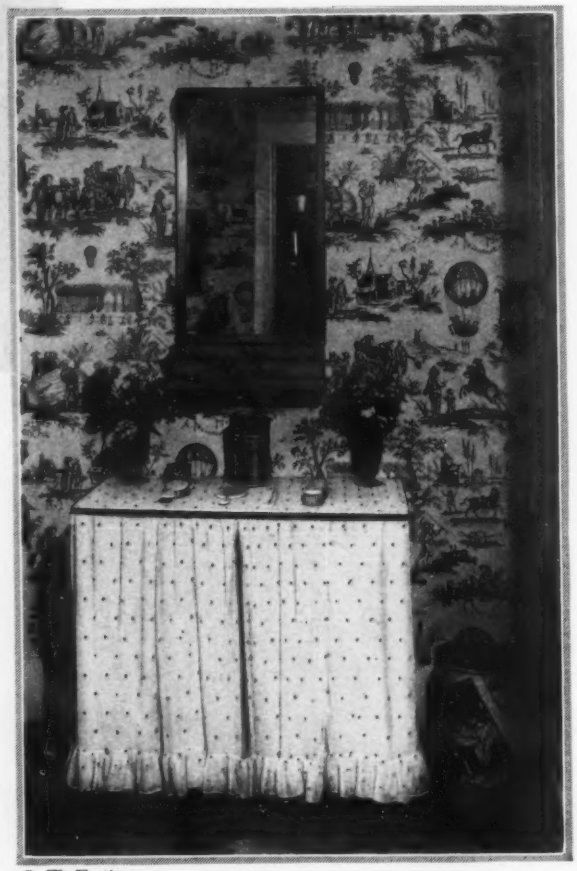
A passage leading from a bedroom to a bath has been cleverly utilized to form a tiny dressing room. The center recess, lined with mirrors, makes the table with its single large drawer. This is flanked by cupboards having paneled and decorated doors. Irene Sidley was the decorator

DECORATING THE DRESSING ROOM

Drix Duryea

As the mirror of any poudreuse is too small to be practical, the walnut poudreuse shown in the group above was placed in front of a tall, gilt framed mirror. This attractive arrangement is in a dressing room with pink walls and a flowered rug. Diane Tate & Marian Hall, decorators

The walls of a small powder room in a Connecticut country house are covered in paper figured in amusing scenes showing the launching of the first balloon. This is printed in red on a cream ground; the dressing table is hung in white Swiss with big red dots. Agnes Foster Wright, decorator



G. W. Harting

Shoji Osato

Red is the dominant color note in the powder room above where black marbleized doors and wood trim, and a black and white floor, contrast pleasantly with red and white toile de Jouy wall paper, polka dot red chintz and an antique chandelier of red tôle. Whitehall, Inc., decorators

The walls in the room at the left are painted ivory with a paneled dado marbleized yellow. On either side of the dressing table mirror are wall paper cupidon panels in natural colors, red and yellow predominating. The doors are mirrored and the floor ivory terrazzo. Irene Sidley, decorator

Zebra skin rugs inspired the dramatic scheme of this simple but exceedingly effective room which is carried out in black, white and gray. The only decoration on the gray walls is the vigorous overmantel panel painted by Porter Woodruff in black and black-browns on a white ground

WHEN DECORATION IS DRAMATIC

At one end is a divan in black satin flanked by modern tables with black glass tops. These hold lamps of mirrored glass with white pleated shades, and small pottery and silver bowls. The curtains are of a sheer white gauze and only white porcelain accessories decorate the shelves

Against walls painted warm gray, the curtains of shining oilcloth, the lamp and shade, and the flowers, bring gleaming notes of white. Folding chairs of the type used in the tropics are covered in white leather. Porter Woodruff is the owner and decorator of this room

THE ROCKING-CHAIR—A HISTORY

Because of Its Purely American Origin This Type Is Now Taking the Interest of Collectors

WALTER A. DYER

IT has often been pointed out that the United States is a nation of quickly sprouting and rapidly spreading, if not always well directed, enthusiasms. We take up new ideas promptly, and with incredible rapidity they are extended across the map. Whether it be the automobile or the movies, the hot-dog stand or the correspondence school, we are proud of the fact that our statistics beat the world. Almost overnight we became a nation of motorists and radio fans. Never do things by halves seems to be our motto, and let the danger of overdoing take care of itself. Some of these enthusiams may be as short-lived as mah-jong or as steadily growing as the ownership of antiques; they all seem to be accounted for by the national temperament.

Fashions come and go, but in the hobby of antique collecting and in the desire to employ antiques in the home there seems to be something more stable and enduring than mere fashion. There is something esthetically sound about it. It has lasted for fifty years or more and is on the increase still.

But there are fads and fashions within fads and fashions, and there are special enthusiasms within more general hobbies. There are, in fact, passing fashions and rising and falling special interests within the more stable realm of the antique. At one time blue Staffordshire was the rage, or Georgian furniture, or Colonial silver. Within the past few years we have seen pressed glassware leap into the limelight, and early pine and maple furniture, American pewter, hooked rugs, Currier & Ives prints, and old maps. Vogue follows vogue.

One of the most recent interests in this field is the long neglected rocking-chair. It would scarcely be true to call this interest a vogue. It has not been taken up with faddish enthusiasm, has not spread widely and rapidly, has not expressed itself yet in special sales and high prices. So much the better; it will burn itself out less quickly. Nevertheless, those who are "in the know" are quietly acquiring old rocking-chairs.

The story of the rocking-chair is of less interest to the up-to-date faddist, perhaps, than to the genuine lover of the antique. The rocking-chair cannot hope to establish any general claim to beauty; except for a few rare forms of the Windsor rocker, most old rocking-chairs are not irresistibly lovely. But they do possess other qualities almost as appealing. They are usually comfortable, they are homely in the better sense, they are eloquent of the domesticity of a less hurried period in our national life. Somehow, to those of us who are over fifty, they recall a picture of venerable grandmother, knitting mittens in her Boston rocker or of mother in her little black-walnut sewing-chair.

There are points of historic interest in the story of the rocking-chair. It is distinctively and exclusively an American development. But for some reason it has been ignored by antiquarians, though it is older than Sandwich glass or Bennington pottery or American lithographs. The details of the

(*Continued on page* 132)

(*Top*) *True rocking-chair of comb-back Windsor form, with straight arms. About 1800. (Left, above) Commonest type of late Boston rocker; no stenciling. About 1850. From the author's collection. (Center) Typical Shaker rocking-chairs of indeterminate date. Shown by courtesy of the James Library, Amherst, Mass. (Right, above) "Little Boston" rocker with cane seat. An interesting piece now owned by Gilbert B. Stanbury*

(Top, left) Converted rocking chair. A fiddle back of about 1780 fitted with cradle shaped rockers. From Henry H. Taylor (Top, right) Early form of true rocking chair—Pennsylvania slat-back of about 1800. (Center, left) Maple rocking chair with short rockers, representing a departure from Windsor forms. (Center) Rocker made between 1830-40. Back-country departure from the Boston type. From Mrs. Elmer E. White. (Center, right) Maple American slat-back (1725-50) to which rockers were added. Metropolitan Museum. (Above, left) Governor Carver chair with long rockers added at a later date. (Above) Splat-back Boston rocker common to Middle West—1850-60. From Mrs. Enoch Myers. (Above) High-backed late Windsor rocker, about 1820, Boston rocker details. Mrs. L. M. Neyhart. (Right) Comb-back, about 1825. Metropolitan Museum

HOT WATER FOR THE HOME

Heating Equipment of Various Types That Will Ensure an Instant And Continuous Flow of This Essential

ELIZABETH HALLAM BOHN

WITH the disappearance of the sturdy coal range from many an up-to-date kitchen comes the problem of supplying hot water to suit today's extravagant demands. The most gorgeous achievement of the decorator towards making the bathroom a joy to the eye avails little if a constant and dependable supply of hot water does not gush forth at the turning of an exquisitely wrought tap. And in every department of the home, ease of existence seems in direct ratio to the hot water supply. Statisticians prove that every cleaning process is accomplished with from two to twenty times greater facility with heated water. Engineers estimate that 70% of the water supply in the home should be hot.

Coöperation with the house heating system has for a long period been a familiar means of supplying hot water during the winter. But this, of course, is merely an auxiliary device. Hot water must flow even more prodigally during the months of golf and gardening than when the central heater is active. So, even as humanity persists by modifying itself to changing environment, has the old kitchen stove "waterback" developed offspring in key with 20th Century circumstances. The descendants of this retiring and often inefficient member of society have assumed an identity of their own, as well as modern speed and clean-cut good looks. Fired by coal, gas, oil or electricity they provide water, piping hot day or night, at the turn of the faucet.

THE COAL BURNERS

The improved coal water heaters, descendants of the old laundry stove, still find favor in many homes, especially where the household boasts permanent service for the two or three fuelings necessary daily and for the removal of ashes. In some of these sturdy heaters, coils of copper keep the water clear and free from rust. In other models a one piece water chamber gives unusual strength, circulation and heating efficiency. And through controlling safety devices both types work dependably even with high water pressure.

An ingenious and practical development of the coal heater is the combination waterback and garbage incinerator. A shovelful, or two, of small coal a day not only keeps hot an ample supply of water, but special flue construction carries the smoke and gases over the garbage chamber drying the waste, after which it is burned. The hot water needed, not the amount of waste to be devoured, should be the standard of capacity in choosing this heater. A burner should be selected equal to the maximum demand for hot water at any hour.

In the development of the automatic, thermostatically controlled gas water heaters, elimination of lost motion touches the heights in a bewildering variety of models and wide price range. But with all their apparent individuality these heaters can be reduced to two distinct types—those which connect to a storage tank, keeping a large quantity of water at a certain temperature and the type which heats the water just as it is drawn. The selection from between these two depends on the kind of water supply needed by the individual household.

WATER IN VOLUME

Is water wanted in volume upstairs and down simultaneously during the day? Then the storage heater will give satisfaction—if there is no one time when such a large quantity will be run off as to drain out all the hot water and cause irritation through delay in reheating the whole boilerful.

When the water in the tank reaches a certain temperature the flame subsides automatically to a pilot light. The evening tub is drawn and cold water from the mains rushes in to take the place of the departing supply. The valve opens automatically, lights the burner from the pilot until the water is heated, when it once more shuts off, leaving only the pilot on guard again. Sometimes these burners have, instead of the full automatic control, a clock device which shuts off the gas after a certain time. They may also rely entirely on human control. The gas flow is economically cut off should the pilot light meet with a casualty.

In the storage gas heater the heat may be generated in the so-called "side arm" unit, which has longer life with a slightly lessened efficiency, or heater and storage tank may be combined within the same insulated jacket in the "under-fired" type. The shorter life of the latter is overcome, in some manufacturers' models, by using a tank easily replaceable, so that the less permanent part of the equipment can be quickly renewed, while a "clean-out" allows for the removal of sediment left by hard water. And as many homes still have serviceable boilers with years of life in them the manufacturers have thoughtfully provided a separate heater with thermostatic control which brings the old water service to a point of up-to-date perfection. Many variations of the storage heater adapt them to every possible condition of water pressure and gas supply. One make, for instance, is built to operate independently of pressure and works perfectly in localities where pressure is poor or variable. And many models are adapted to the "tanked" gas which has brought such comfort to homes beyond the gas mains.

The second family of gas water heaters operates only as the water flows. As soon as a faucet is opened the trusty pilot ignites the powerful burners. These heat the water just as it is needed without waste or loss by radiation for one hour or twenty-four—as long as a tap is open. This clean, hot, fresh water supply will cause the most despondent to warble in his tub, and where a flow from many faucets simultaneously is not usual this is the heater *par excellence*. But it can only deliver its own capacity. If bath and laundry water are drawn at once through their respective taps the result will not always be happy. For the size of the flow per minute is restricted by the capacity of the machine, and this factor limits its use to homes where too many faucets will not be drawing on the supply at one time. The thermostat ingeniously proportions the quantity of gas to the amount of water to be heated so that not only is the hot water supplied in any quantity but the temperature also is regulated in accordance with the requirements. Indeed, all down the line, almost human safety devices protect against every emergency that may arise.

GENERAL INSTRUCTIONS

To overcome any uncertainty in selection, manufacturers maintain staffs of specialists whose duty it is to advise regarding the size and type of heater best adapted to individual conditions. They will instruct the home-builder that it is just as important to have the heater properly adapted to pressure as it is to have it of the right capacity for the number of baths and other service taps to be accommodated. Suggestions on the economical operation of the water heater also come within the province of these "satisfaction engineers". If faucets drip, a surprising amount of water will be withdrawn, with corresponding gas consumption, though some of the manufacturers have provided for human frailty

(*Continued on page* 164)

A LITTLE PORTFOLIO *of* GOOD INTERIORS

On this and the following two pages are views of rooms in the tennis court and swimming pool building of Dr. John A. Vietor, at Locust Valley, L. I. Ruby Ross Wood was the decorator, and James W. O'Connor, the architect

Drix Durvea

The tap room is paneled in pine, with beamed ceiling and brick floor. Curtains are of natural linen embroidered in yellows and orange-reds; old red linen damask is used for the chair seats and the cover on the circular pine table

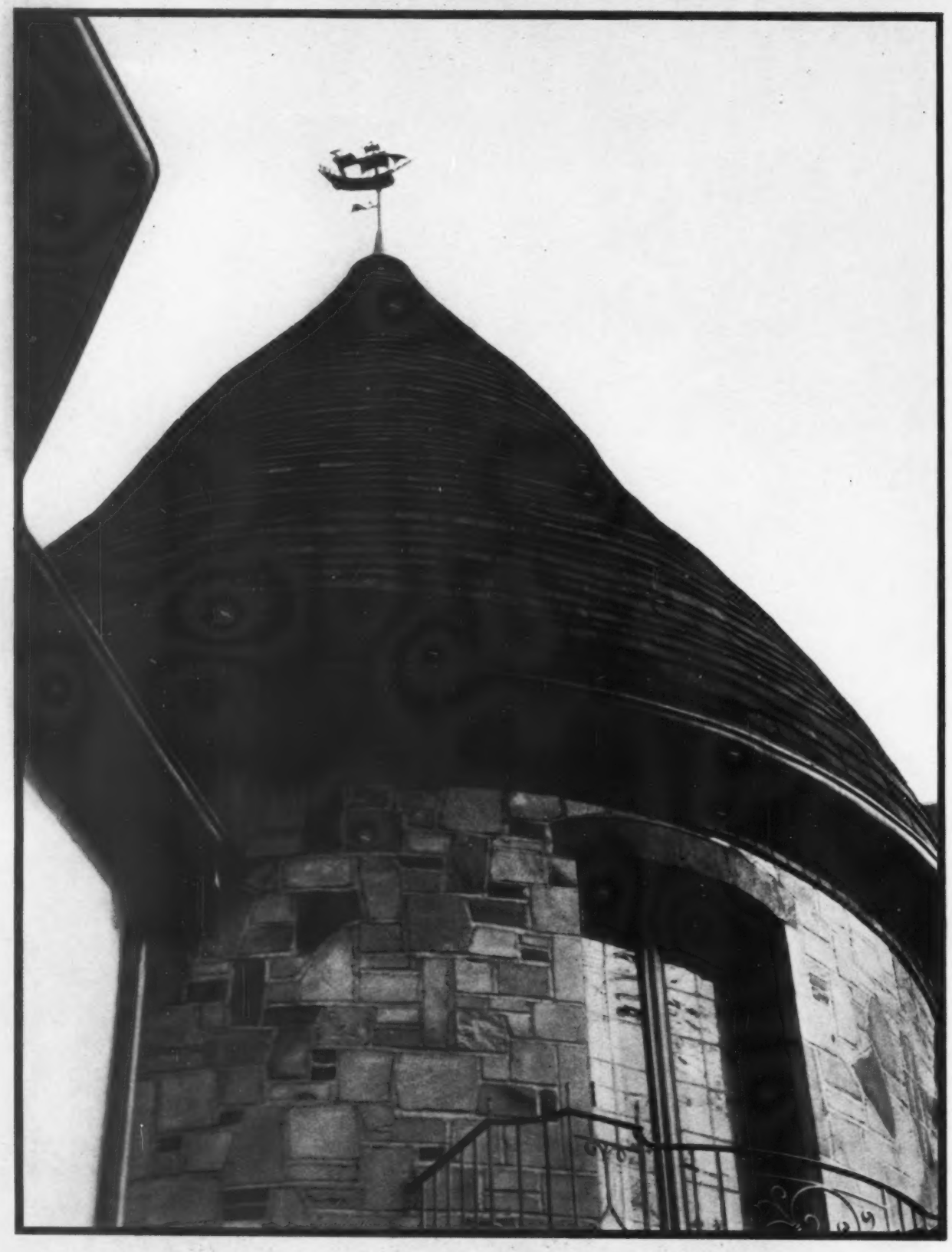
Drix Duryea

Above is the lounge, a large room painted apple green and furnished mainly with old mahogany. The large sofa and armchairs are in red damask and the curtains are of yellow chintz flowered with deep red roses and green leaves

The long hall looking into the lounge. This corridor with pine paneling and niches is papered above the chair rail with French paper in blues and henna on a yellow ground. The carpet is green; yellow chintz covers the sofa

Green is prominent in the men's dressing room where the wall paper is pale pink and green, the daybed green chintz and the curtains light green organdy trimmed with darker green ribbon. Arm-chairs in green ivy chintz

In the entrance to the tennis court are old pine pieces which look particularly well against green walls and brick floor. Wire flower stands filled with ivy are along the railing. Ruby Ross Wood was the decorator of these rooms



Margaret Burke-White

A ROOF TO SIMULATE AGE

Weary with regarding things done in the flawless regularity of the present age we are delighted by the mellowness of time-worn stone and weathered timbers and thatch. So, occasionally, the architect will put time's label on his work. Such a label is found on the tower of the Conant Van Blarcom residence at Cleveland, Ohio, of which James Hamilton was architect

The tall, sharp-pitched roofs so characteristic of French houses have been faithfully reproduced in the Bennet Bronson house at Litchfield, Conn. Richard H. Dana was the architect

ROOFING FOR BEAUTY AND PERMANENCE

Appearance, Durability, Style and Economy Are Cardinal Points To Consider in Selecting Roofing Materials

TYLER STUART ROGERS

IF you have harbored any doubt about the importance of a good roof, visit England—or Italy—or even Forest Hills, Long Island. Probably the most striking feature of English architecture is the charm of the thatch, slate, or tile which shelters so many of that country's ancient cottages and castles. About this architecture is a certain individuality, a feeling of harmony and fitness which, as one traveler said, "makes it English". To those with greater powers of discrimination it is the beauty of the roof construction, aged and weathered and obviously lasting, which contributes as much as any other single factor to the universal appeal of the ancient buildings to be found in old England.

What is there about the architecture of Italy—its villas, farmhouses, and even its hotels and casinos—which sets them apart and gives them a character that even the lifelong resident of Main Street recognizes as distinctly Italian? To be sure, it is partly the use of colorful stucco and brick, but the one unfailing sign, even to the layman, is the bright-hued, low-pitched tile roof. What contributes more to the character of French and Norman architecture than its roof lines and the texture and color of its slate and stone surfacing? What, indeed, has made Forest Hills one of the most distinctive communities in America, other than the insistence of the Russell Sage Foundation upon the use of one type of roofing material?

There can be no question that the roof plays a fundamental part in domestic architecture and that its design, color, texture, permanence, and protective qualities are of the greatest importance to the home builder. Literally the roof expresses architectural style, it contributes distinction and individuality, and it displays to the world the quality of the home and the discrimination of its occupants.

Why is it that certain roofing materials or certain roof types are so universally associated with definite architectural styles? It is a matter of evolution and it brings up a thought of importance to the home builder because it helps to clarify the choice of roofing materials appropriate to the style in which the house is being planned. Back in the dawn of architectural history, men built their dwellings out of materials that were available locally. There were no transportation systems, there was little inter-

Slates of varying thicknesses laid in a slightly irregular fashion give an ideal surface and texture to the roof of the medieval French type house above. A residence in "The French Village", Chestnut Hill, Philadelphia. Robert R. McGoodwin, architect

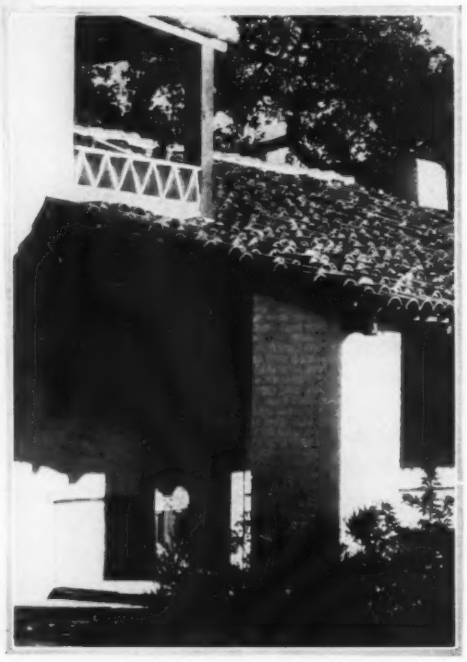
Spanish tile is among the most picturesque roofing materials. It is especially suited for houses designed in the Spanish or the so-called "Mediterranean" manner. The home of George E. Munger, Pasadena, Calif. Wallace Neff was the architect

change of ideas from one section to another; even different sections of the same country evolved different types of homes, because in one place there was clay suitable for the manufacture of brick and tile, and in another locality slate or wood was more plentiful and could be more readily used. Today we draw our inspiration for domestic architecture from dwellings built during the dark ages or during subsequent eras. We do not go back directly even to Roman and Greek architecture for our domestic work, but utilize the Classic inspiration as it was applied during the Renaissance, when it was modified and adapted better to serve domestic requirements.

In most European countries, and particularly in England, wood suitable for roofing purposes early became more difficult to secure than thatch, slate, flat stones, or clay tile. The local prevalence of any of these materials naturally resulted in a predominant use of the most satisfactory roofing that could be obtained near at hand, and the shape of the roof structure was adapted to meet the physical limitations of the material, through necessity rather than artistry. In the Cotswold section of England there is a native building stone which contributed very largely to the development of the distinctive Cotswold type of architecture and which even today characterizes the district and sets it apart from other English work.

The steeply pitched roofs of English cottages were made necessary by the general employment of

(*Continued on page* 150)



PLANTS FOR A SEPTEMBER BORDER

The Swan-Song of the Garden's Color Can Be Enjoyed When the Proper Late Flowering Plants Are Provided

DOROTHY W. HAMMOND

MANY suburban garden owners leave their gardens in midsummer for a seaside or mountain vacation. So the flowering periods of their gardens should be concentrated on a spring and early summer display, then an interlude of cool greenery through July and August, and for the end of the flowering season, a border of fall flowers.

Cool fall days are usually spent indoors and the enjoyment of a garden depends upon having a flowery view through a window until the sun shines again and the wind comes from the south. The whims of fall weather are as incalculable and incomprehensible as all our other northern seasons, but the chill and damp seem more depressing then if the garden contains only overgrown, gone-to-seed, and generally neglected annuals when the owner returns from a summer vacation.

A wide border planned especially for this season, September to mid-October, has the charm of seeming fresh and new and it comes into bloom at a time when a gardener may feel moody and depressed.

Because Chrysanthemums do not grow well when tall plants shade them, they should have a separate border, and along the south wall of the house if that is possible. They are the very last flower display of the year and survive the frosts that blacken most of the garden in late October —another reason for giving them a place apart where the frosted foliage of more tender plants will not spoil the Chrysanthemum display.

A hedge or wall would be an ideal background for this border, providing protection from autumn gales, and making only a few stakes necessary. I loathe stakes for flowers such as Anemones that have airy delicate stems. The graceful swaying of Lily or Japanese Anemone stalks is lost when they are tied to stakes, so I prefer giving these plants a choice location with protection on the windward side. If there must be stakes, the green bamboo ones are least conspicuous.

A perfect situation is one where trees are near enough to give some shelter and passing shadows, but not near enough to overhang or for their roots to grow into the border. The Japanese Anemones like neither dense shade nor a parched situation. This border might be used along the edge of a terrace and backed by a low wall or hedge, but in that case there should be spaces left for accommodating more of the Rosy Morn Petunias if the garden owner stays at home through the summer.

Grass paths along this border would be a nuisance. The dew remains on the grass until almost noon in September, and in spring showers often keep a decent pair of shoes indoors. Besides, there is the never-ending upkeep cost which grass paths necessitate. Because pink is not harmonious with the ordinary brick colors, a path of wide flagging stones or slates would be better looking and as useful and permanent. Pink Thyme might be planted in the joints, but beware of letting it invade a border.

This sort of flower border filled with delicate flowers will be an absolute contrast to the late summer borders which many gardens flaunt, filled with extra-size Zinnias, husky Heleniums and Dahlias—all very good in their place but not to be compared with the beauty of Speciosum Lilies and Japanese Anemones, or even the more humble Hardy Asters. The effect will be a blend of rose, lavender, purple, and white.

These plants are for the amateur who has some experience in gardening. Anemones and Lilies require careful planting and oversight, and a general knowledge of soil preparation and ordinary garden tasks.

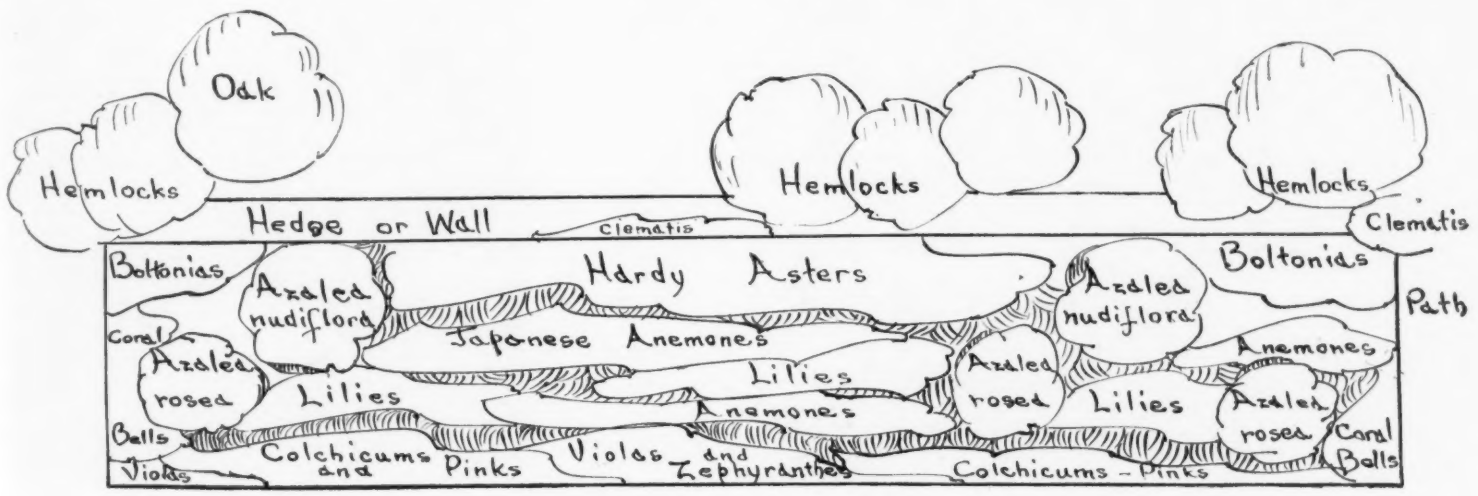
The space allotted for the garden varieties of the native Hardy Asters is easily increased if more room is available. Special soil preparation is not necessary where they are planted for they are very easily grown. It is one of the compensations of our northern fall to have great quantities of Hardy Asters with which to fill large vases—the ones which so often remain empty because we have not grown enough plants of any one variety to justify reckless cutting.

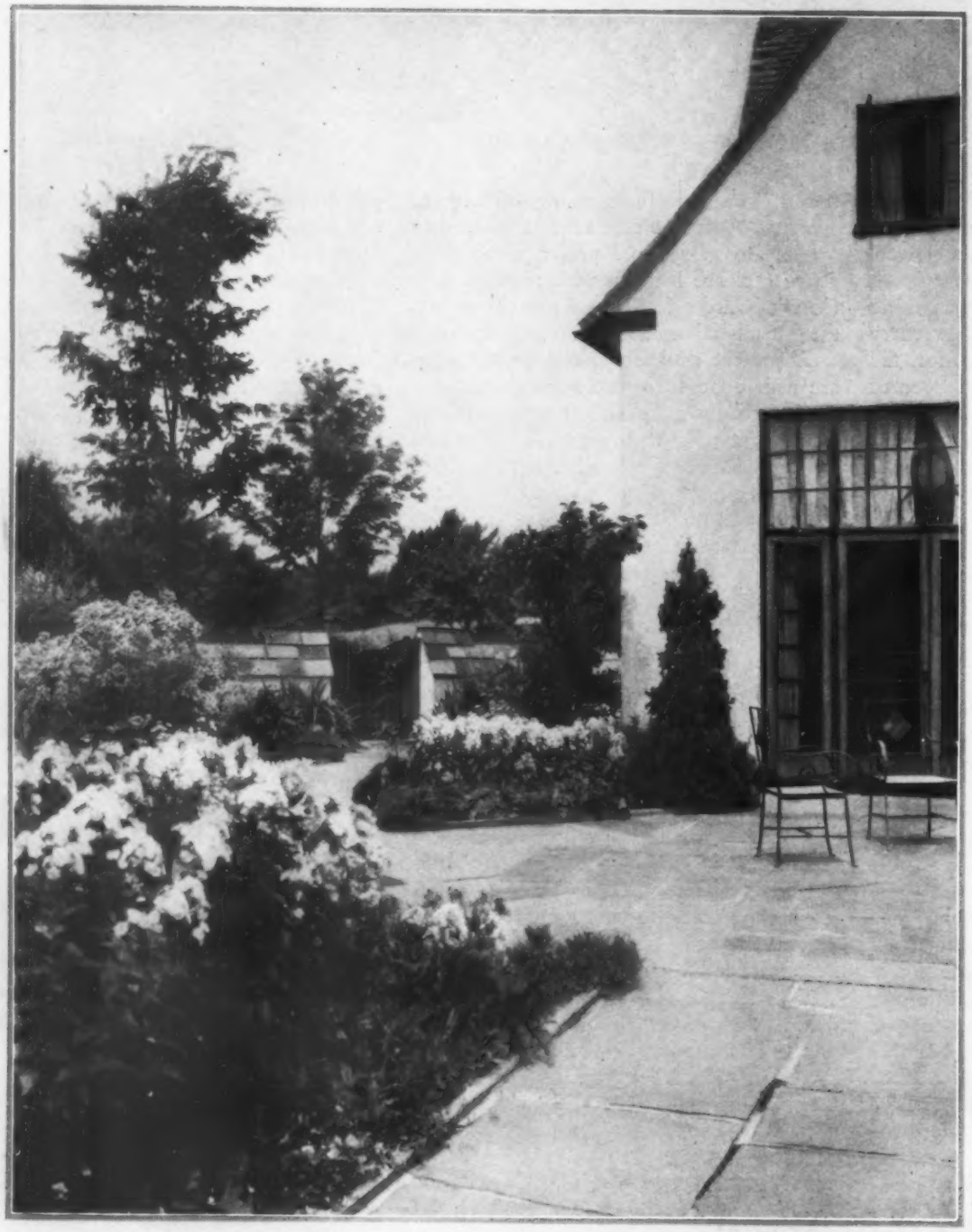
It is sensible to plant in the same border those shrubs and perennials which have the same soil requirements. Routine garden work is simplified when one can say, "Keep lime and bone meal away from that border." So the logical shrubs to give height to the planting as well as spring bloom are Azaleas or *Magnolia stellata*—if you are lucky enough to find a nursery that has the latter. These early flowering shrubs make a spring picture also very pleasing to see through a window when the air is too chilled for lingering in the garden.

The soil suited to Azaleas, Magnolias, Japanese Anemones and *Lilium speciosum* must have a generous amount of sand and leaf-soil, or instead of leaf-soil, the black muck one sees in onion fields or compost or peat well mixed with garden soil. Lime in all its forms must be kept away from them. The edging plants grow well in

(*Continued on page* 174)

A wall or hedge protects this autumn border from winds. Spring flowering shrubs afford fall greenery as a contrast to the Asters, Anemones and Lilies. This border is faced down with Violas, Fairy Lilies, Heuchera and Colchicums

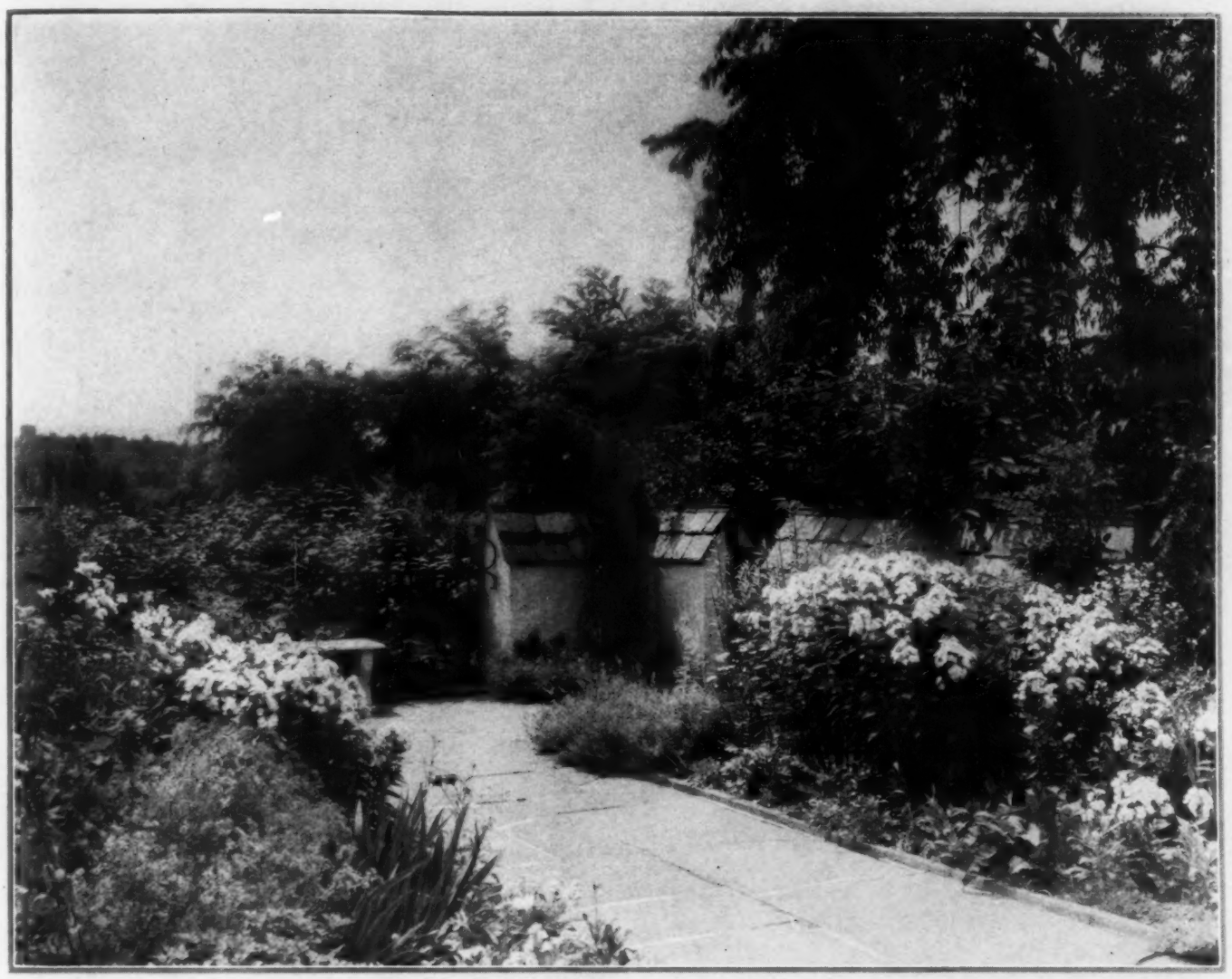




Tebbs & Knell

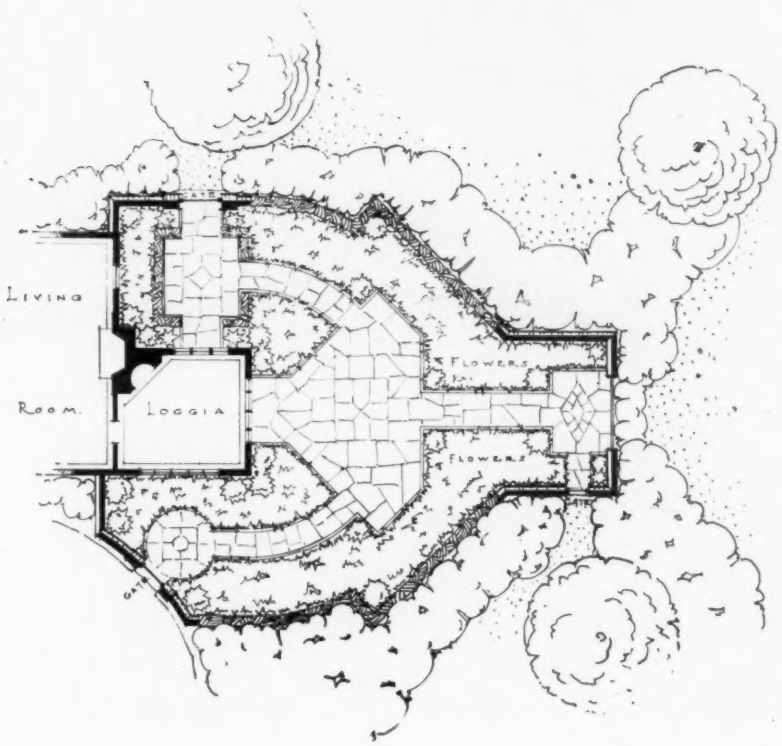
The home of Donald S. Gilmore at Kalamazoo attains a garden setting by a paved terrace built from the end of the house as an extension of the loggia and living room. Lovett Rile, architect; landscape architects, William Pitkin, Jr., and Seward H. Mott

A low stucco wall furnished with the slate used on the roof of the house, defines the boundaries of this court. It is sufficiently high to serve as a background for the flowers and shrubs planted before it, and yet is not so high as to cut off views of the garden



On the axis of the loggia is laid out the main path, which terminates in an opening in the wall, enclosed with a light iron fence and marked by a simple white marble seat. This vantage point commands a wide expanse of the surrounding countryside

Where both time and space are limited, a small garden laid close to the house, such as this, offers adequate chance for gardening, enriches the house with color and its broad walks furnish an added room for al fresco living in pleasant weather



A TERRACE GARDEN IN A MICHIGAN HOUSE

MY LADY OF THE WOODS

For airy grace, for nobility of form, for complexion of bark, few deciduous-leaved trees exceed the White Birch. In early Spring its delicate tracery of green and gray against the sky is an unforgettable symbol of the year's awakening. This variety is Betula pendula

THE GRACE AND CHARM OF BIRCHES

An Abundant and Speedily Growing Family of Trees That Are Superb for Use in the Landscape Picture

ERNEST H. WILSON, V.M.H.
Keeper of the Arnold Aboretum

BIRCHES are handsome, fast-growing trees to which greater attention ought to be paid in landscape plantings. There is much character in the bark, and the slender branches form a light and feathery crown of singular grace and charm. The one deciduous-leaved tree most readily recognized is surely the White Birch, Lady of the Woods, of which there are half a dozen species. In size and timber value the White Birches are exceeded by many others, but in distinctiveness, in grace and in beauty they are certainly not surpassed. The European Silver Birch is the tree most usually planted in gardens; quite frequently also on city lots, where it is decidedly out of place. The Birches savor of the woodlands and, while well suited for suburban lawns and country gardens, have no place in the city. In recent years the Bronze Birch Borer has been playing sad havoc with cultivated trees. The pest works inside and his presence is usually made known by a branch turning brown and dead. What is more, the injury usually occurs first at the top of the trees. Various remedies are recommended, but once the beetle gets a good start the only thing to do is to cut down the tree and burn it, leaf and branch.

The White Birches of Europe and northwestern Asia (*Betula pendula* and *B. pubescens*), of northeastern Asia (*B. japonica*), and of North America (*B. populifolia* and *B. papyrifera*) inhabit the open waste places of the northern hemisphere, where they cover vast areas and often form pure forests of great extent. Moreover, they, like the Aspens, are natural nurses for more valuable trees, such as Larch and Spruce. The genus is singularly well equipped to perpetuate and spread itself, although it is a light demanding tree. The male and female flowers are borne in catkins, separately but on the same individual; they are pollinated by the wind and the fruit ripens early and disintegrates. The seeds are very light and, being provided with wings, are easily transported by the winds. Many of the White Birches flourish on the poorest of gravelly soils and being of gregarious habit quickly form thickets and woods. All the species should be raised from seeds and it takes but a few years to obtain trees of good size. Sow the seeds on the surface of prepared light soil, throw a thin layer of brush wood over the beds beneath (which the seeds will vegetate freely), and the seedlings make rapid growth. Transplant in nursery rows and later into final positions. Nothing in the art of raising trees is more simple than the requirements of Birch. Forms of special merit—pendulous, cut-leaf, etc.—should be grafted on the parent species. Though many White Birches will grow in the poorest of gravelly soil they do not object to good loam, a soil best suited to the members of the genus at large.

One of Nature's most competent nurses is Betula populifolia, the White or Gray Birch, which grows in clustered groves, making a most striking woodland effect from Nova Scotia southward and westward

Under the name of *Betula alba*, Linnaeus confused the two White Birches so abundant in Europe and northern Asia far into Siberia. These are now known as *B. pubescens* and *B. pendula*, the former being distinguished by its hairy and the latter by its warty branchlets. *B. pubescens* is the smaller and less important tree and is partial to moist places. On mature trees the bark is dark, fissured and rugged at the base of the trunk. The best form is the var. *urticifolia*, a native of Sweden and characterized by its long drawn-out leaf apex. *B. pendula* has silvery white bark on the trunk and main branches, polished red-brown branchlets clothed with glandular warty excrescences and pendant tips. There is no more graceful and beautiful tree than this Lady of the Woods, which, though usually about 60 feet, is sometimes as much as 100 feet tall. There are several named varieties, including one (*fastigiata*) with erect branches and columnar in habit like a small Lombardy Poplar. Another, Young's Weeping Birch, is singularly charming with its slender hanging flagellate branches, and is the best of several weeping forms. A good variety found wild in Sweden is *dalecarlica*, with deeply laciniated and coarsely toothed hanging leaves and pendant branchlets.

The American homologue of the White Birch is *B. populifolia*, the Gray Birch, a small tree rarely more than thirty feet tall, with a slender trunk, tumid at the base and often with a cluster of stems diverging from a common root-stock; the bark is compact, firm, dull chalky white, bright orange on the inner side with dark triangular markings at the insertion of the branches, shallowly fissured and nearly black at the base of the trunk. Very abundant from Nova Scotia southward through New England and westward, this has triangular lustrous green leaves and is a most aggressive if short-lived tree, springing up in quantity on abandoned farm lands and in fire-swept forest areas, growing rapidly in the poorest of soils and forming a useful nurse to the seedlings of more valuable trees. Very similar but with ovate, dull blue-green leaves and white bark tinged with pink is *B. caerulea*, the Blue Birch. This is also a small tree native of Canada and northern New England.

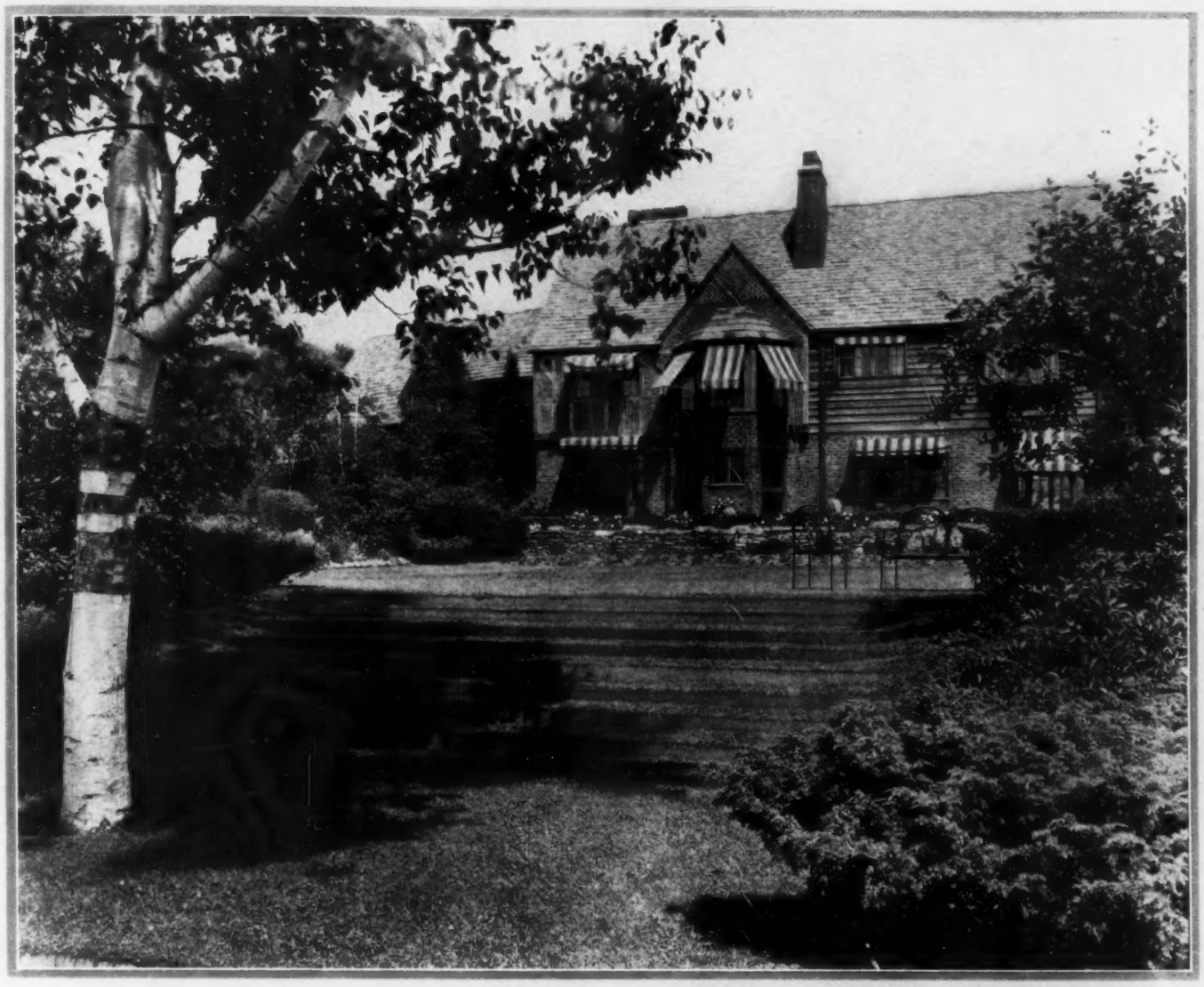
Stateliest of all White Birches is *B. papyrifera*, the Canoe or Paper Birch of North America, with polished white bark freely

(*Continued on page* 170)

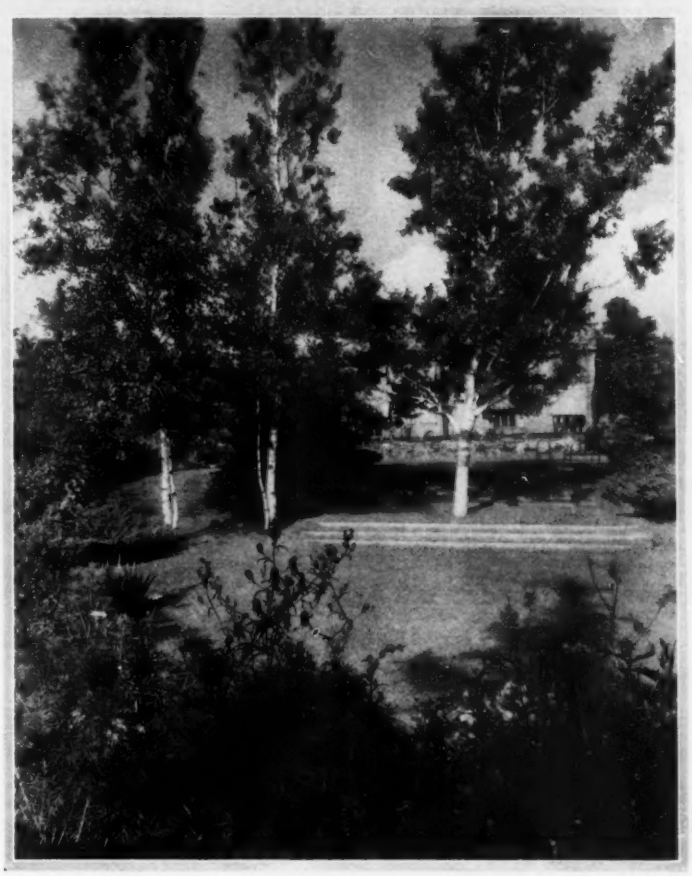
Flanked by gardens and broad lawns, a curved drive leads to the residence of Mrs. Ponsonby Ogle at New Marlborough, Mass. The loggia at the left, shown in detail on page 89, opens from the living room. Ford, Butler & Oliver, architects; Feruccio Vitale, landscape architect

One portion of the Ogle estate is given over to a wide tapis vert enclosed by a low massing of evergreens, in the coves of which are hidden numerous flowers which give color during the entire season. An effective background is made by trees and shrubs in various heights

GOOD ARCHITECTURE AND LANDSCAPING MERGE



On the west elevation of the residence the position of the main staircase is indicated by a two-story bay. To the left of this is an outside door from the dining room. Two levels of the grass terrace are connected by picturesque sod steps bordered by shrubbery



In the landscaping of this estate all the developments were laid out with great regard for existing trees, whose presence has been splendidly worked into the general scheme. The Birchs at the right are typical. This picture looks toward the west side of the house

TO CREATE A FINE MASSACHUSETTS ESTATE

The Pink Ladyslipper, Cypripedium acaule, sometimes called Pink Moccasin Flower, requires the shade of Pines and Hemlocks and the acidity the needles of these trees create

(Top left) Calopogons or Grass-Pink Orchids—Limodorum tuberosum—are denizens of boggy meadows acid in character. Their flowers are rose pink

(Top right) The beginning gardener had better start with the Large Yellow Ladyslipper, Cypripedium pubescens, as it is more easily satisfied than the pink

WHO'S WHO AMONG THE NATIVE ORCHIDS

LOUISE BEEBE WILDER

AMONG all our wild flowers there is no doubt that the Orchids are the aristocrats. Always they seem a little aloof, set apart, somehow exceptional. Is it awe or admiration that we feel when we come unexpectedly upon a colony of them in some silent woodland shade? Undeniably there is something curiously disturbing in their beauty, something alien to flowerhood and vaguely suggestive of insect life which, while it compels our admiration, slightly repels us. Full of mystery they seem and self-contained, not warm and friendly.

Yet how immensely pleased are we when we have induced any of this proud tribe to settle down among us, to tolerate our bed and board and to give us their strangely lovely flowers at the appointed time. To have any of the Orchids happily established in our gardens is a real achievement, an achievement not to be enjoyed by the casual,

hit-or-miss gardener. Perhaps no flowers so inexorably demand the exercise of that power to take infinite pains which spells success as do these. And it is to be devoutly hoped that none will essay to domesticate these plants who are not willing to plan and arrange, devise and prepare the best possible conditions for their safety and comfort. For the wild Orchids are becoming scarce in our woodlands; neighborhoods that knew them in great numbers know them no longer; all the showier kinds are the prey of the ruthless throngs that frequent the countryside now-a-days. It is a sad passing indeed, and if we can give them sanctuary in our gardens a genuine service to flower-loving mankind is performed, but it is a service that must be intelligently undertaken, or it will be a wasted one.

In bringing the wild Orchids into the garden, shade is a prime requisite to the well-being of nearly all of them, but, more than this, the greater number of them will endure only in an acid soil, the degree of acidity required varying with the different species. This is so important that it must be insisted upon. Give them a cool, shadowed situation where the soil is fibrous with vegetable matter and seldom bone dry. Where only small colonies are contemplated it is often possible to bring enough

(Continued on page 186)

The Rose Pogonia or Snakemouth, Pogonia ophioglossoides, is a lovely little bog Orchid that bears a single flower of great fragrance. It also requires a pronouncedly acid soil

(Top left) Cypripedium hirsutum is the Showy Moccasin Flower, which lives only in deep, cool, moist soils. Its pouch is milk white that glows pink

(Top right) The small Purple Fringed Orchid is called Habenaria psycodes, one of a colorful group. It has fragrant, lilac-pink blossom heads

(Above) On the Villa Il Pozzino (15th Century), the second story loggia, incorporated into the very fabric of the house, is typical of the best work. The loggia at the top of the tower is modern

(Below) Superimposing one loggia upon another is not at all characteristic but was the work of a foreign resident. The one on the ground floor is a living porch while the other is for sleeping

An extremely formal loggia with arches springing from Classic columns is illustrated above. Iron tie-rods take up the natural out-thrust of the arches

The low elliptical arch used in the loggia above is typical of the rural architecture of Tuscany. Simple Doric columns here uphold the loggia

THE LOGGIA AND ITS DEVELOPMENT

This Pleasant Open Air Feature Is the Most Representative Characteristic of Italian Domestic Architecture

ROBERT M. CARRÈRE

JUST as the very high, steeply pitched roof characteristic of the French chateaux is the most distinctive feature of the domestic architecture of that country, and the patio with its picturesque fountain and plants is the typical detail of Spanish houses, the loggia is undoubtedly the representative Italian feature.

The origin of the loggia is buried so far back in antiquity that it is impossible to find it, but certainly one sees the beginnings of its latter day evolution in the atrium of the Roman villas at Pompeii. There the "hangers on" of the Roman man of affairs, or the political claque of a Senator, would meet each morning to await his pleasure and to accompany him on his morning stroll to enjoy the baths.

The first real loggia, as we know it today, came into being in Medieval times, just before the dawn of the Renaissance, in Florence, then the most important city of Italy, if not in all Europe. Slender Gothic arches springing from twisted marble columns proclaimed its presence on the Venetian palace and, finally, the perfect Roman arch and the columns of Classic times announced its rebirth in the city of the Popes.

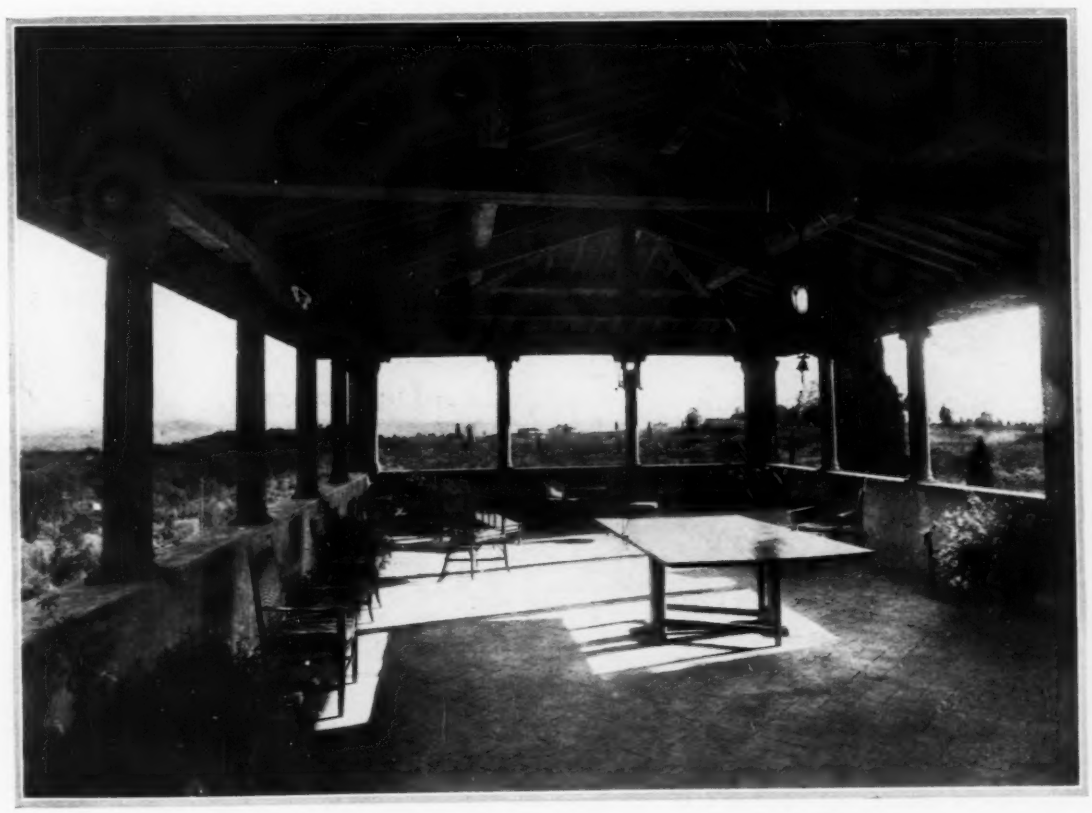
The Medieval loggia of an Italian house was a sign of social importance or distinction. One had to be a Signore to have a loggia. As private fortunes increased in number and security, so did the loggia, keeping pace, become more complicated in design and richness of decorations; as witness the loggia of the Vatican which the Pope commanded the great Raphael to decorate. As the automobile was in its early stages the possession of a privileged few, and then spread to universal use, so did the loggia, until today there is scarcely a house of any importance where this feature is not in evidence, in some one of its many forms.

The loggia at first was invariably on the street level and quite open to passers-by. Every great event in the noble family that boasted such a possession took place therein, and it was not an uncommon sight for the new arrival, in the Florence of 1350, to behold a banquet in honor of an important guest, a betrothal breakfast or a marriage feast taking place beneath the delicate arches and swaying lanterns of some grand Signore's loggia. In fact, the public in the street or the poor of the Borgo, who gathered out of curiosity to this spot, were graciously invited to eat and drink with the invited guests. Such was the gesture of liberality and bounty in those primitive days, before the invention of checks and poorhouses to deal with the problem more efficiently.

But times change, and as prosperity came to those cities of the Renaissance and the wealth of the individual increased, everyone, more or less, had a loggia of his own. The traffic then became too great in the streets to permit of a quiet display and the "crashers in" at the feasts too numerous, and the loggia soon took its flight to the upper stories. Not without decided advantage, however, to the owner, who instead of looking out upon the cobblestones and noisy movement of the streets, soon found the loggia under the roof far more attractive, as it overlooked the secluded gardens of his neighbor or perhaps sometimes a beautiful glimpse of the surrounding hills and a far reach of the river Arno.

In modern times the loggia is a very pleasant feature of the villa, as it is alternately used as sun parlor, porch, or breakfast room. It takes many forms and is built of varying materials, according to whether it is to be found on a palace in town, or a simple house in the country. Also, the local tradition of one part of the country varies from another and naturally the loggia is one of the most sensitive elements to this difference. The early ones were built of

(*Continued on page* 182)

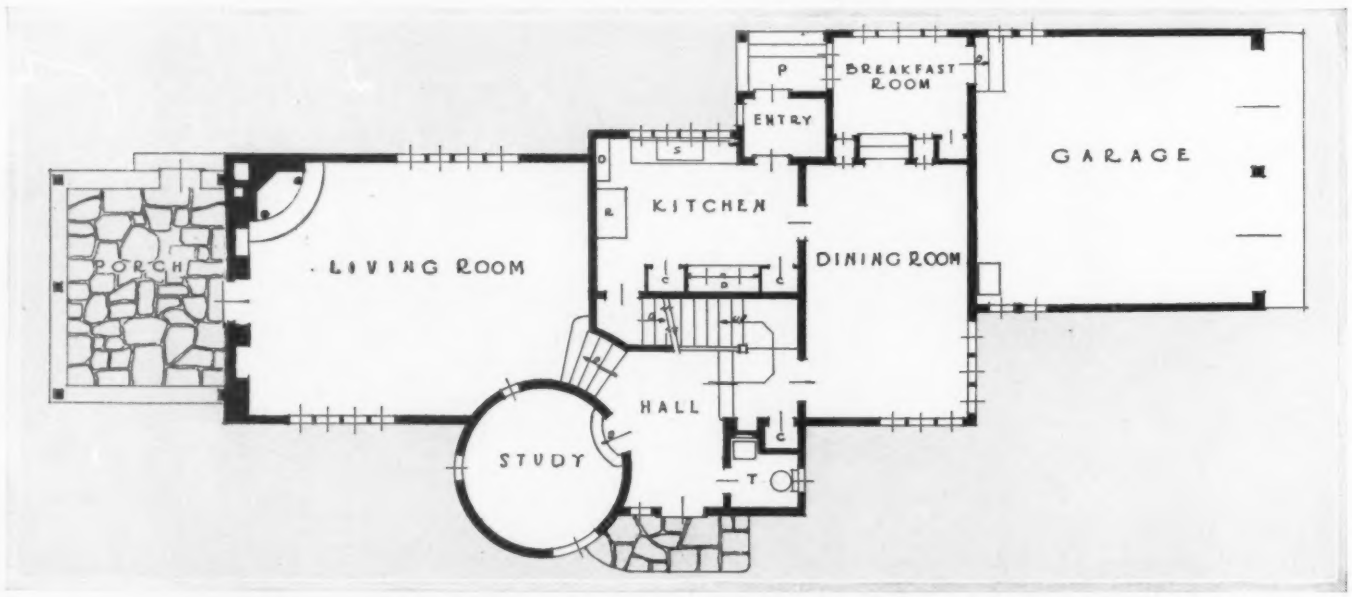


Below is shown the typical country house type of loggia. The deep overhang of the roof casts a grateful shadow at almost every hour of the day. Brick laid in decorative herringbone fashion paves the floor

Takogi Studio

Artful arrangement of asymmetrical masses to form an interesting composition and a pleasant relating of diverse materials characterize the exterior of the residence of Arthur W. Coote, architect, situated at Great Neck, Long Island. Pictured above is the street façade

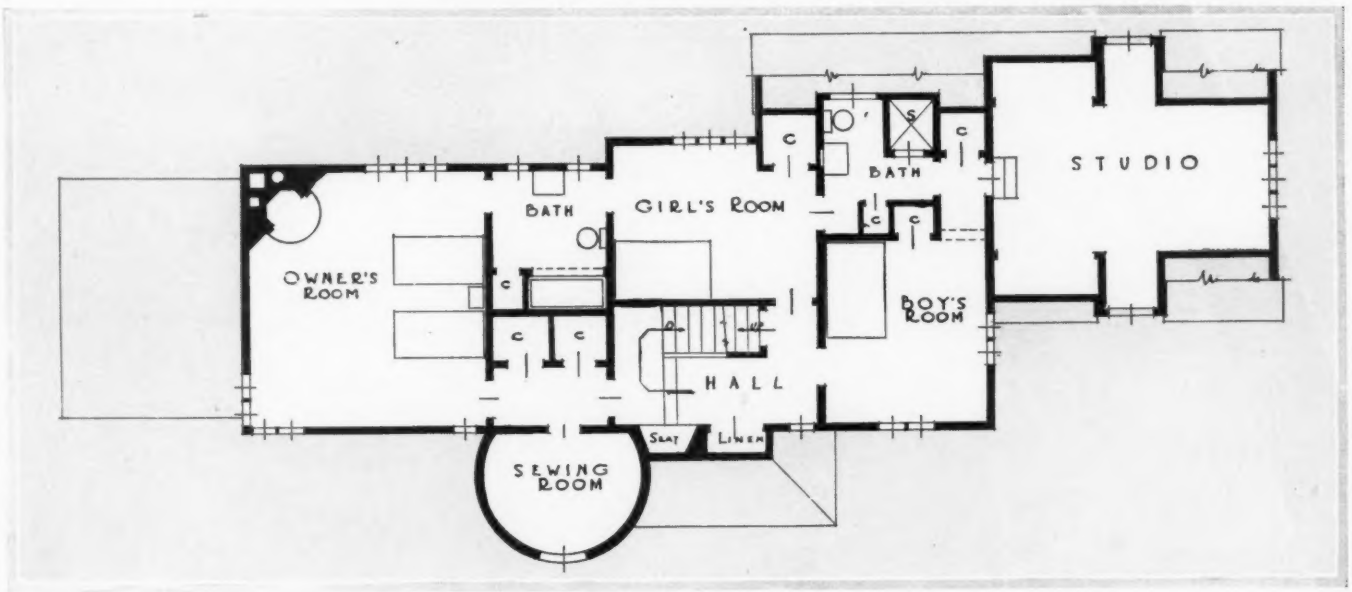
Mr. Coote's study is on the ground floor of the tower. The living room, on a lower level than the other first floor rooms, opens to a porch. Hall, dining room, breakfast room and kitchen are in the central portion of this floor. A service entry is at the rear of the house



A HOUSE AT GREAT NECK, LONG ISLAND

Placed in the right hand wing of the house is the garage, entered at the side so that the doors are not visible from the street. The logical use of half-timbering shows to good advantage in this elevation view. The windows used throughout the house are of the casement type

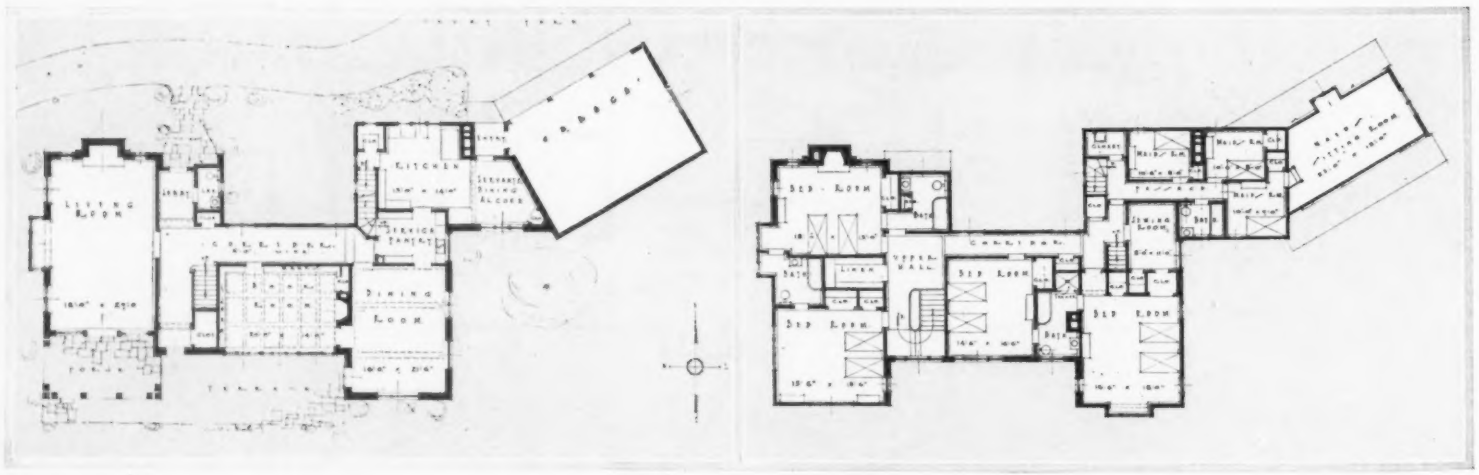
The second floor has been so planned that every bit of space has been utilized to good advantage. The hall has been kept to the smallest possible size. Three bedrooms, two baths, a large studio and a sewing room are on this floor. The master's room has a fireplace



ND IN THE PICTURESQUE NORMAN TRADITION

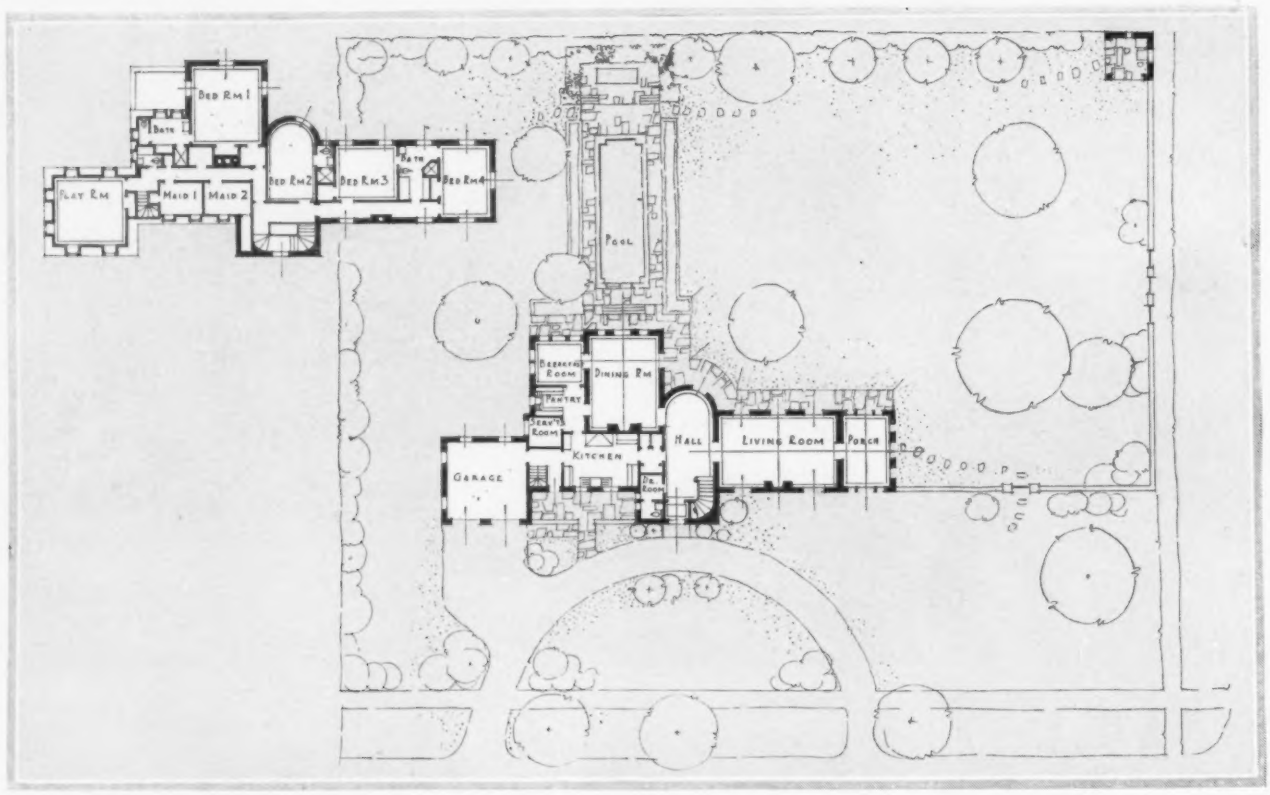
The residence of Mrs. Richard H. Mitchell, Cincinnati, Ohio, follows the finest traditional lines of brick, stucco and half-timbering as developed in England. The house is beautifully located in respect to the site and existing large trees. A view of the front paved terrace is shown on the opposite page

Between the living room wing and the dining room is a book room with a long corridor connecting the two. The plan is H-shaped, with the service and garage occupying one side. The four master's bedrooms are well placed for light and for ventilation. Stanley Matthews and C. W. Short, architects



A HALF-TIMBERED HOME FOR CINCINNATI

Tebbs & Knell


Bed Rm 1
Bath
Bed Rm 2
Bed Rm 3
Bath
Bed Rm 4
Lay Rm
Maid 1
Maid 2
Pool
Breakfast Room
Dining Rm
Pantry
Serv'ts Room
Kitchen
Hall
Living Room
Porch
Garage
Dn Room

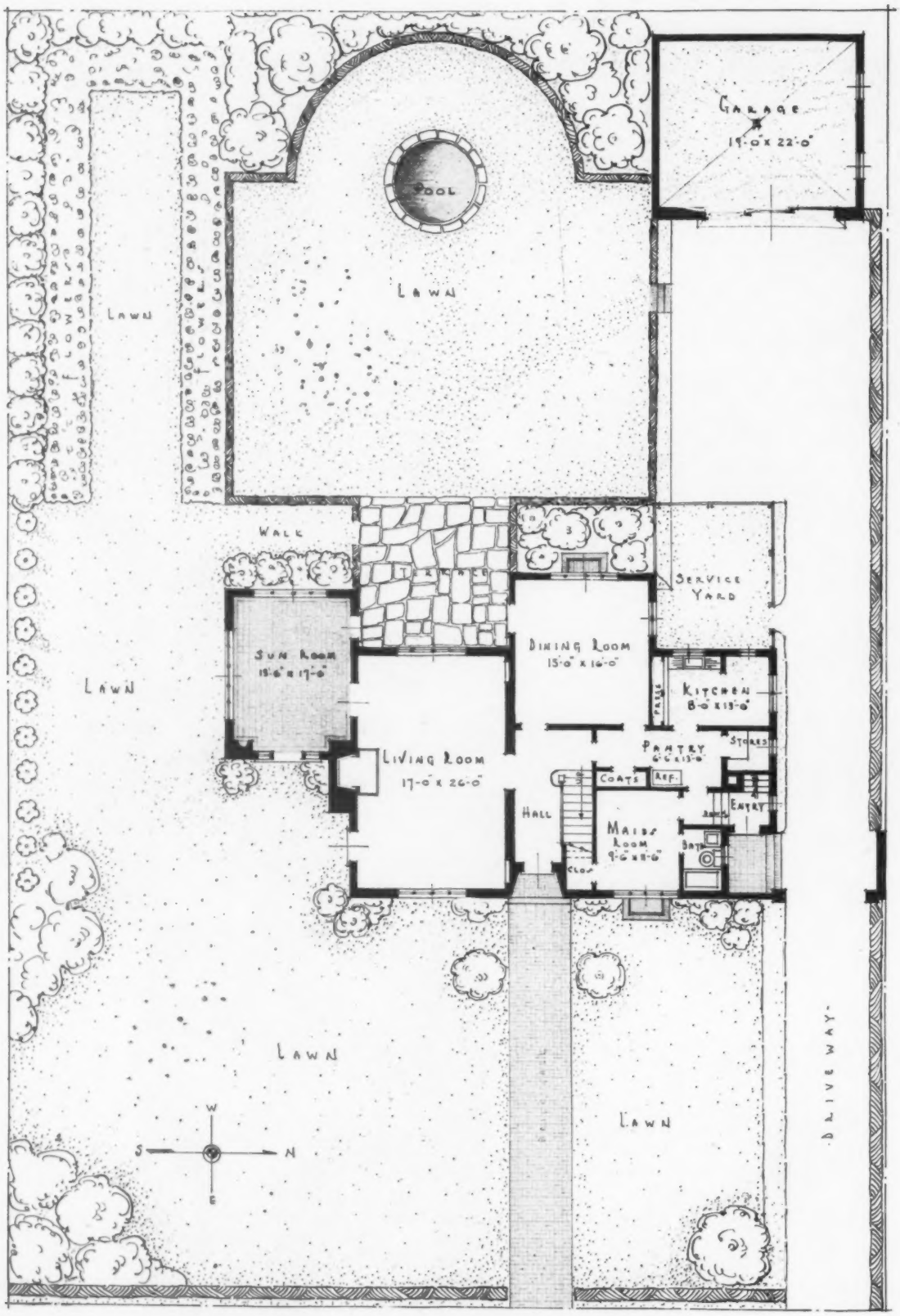
One of the most fascinating and dignified residential types is the French suburban house such as is found at Versailles. That it can be translated to terms of American living is proven by the home of Harry Misch, Glenco, Illinois

French tradition has been faithfully followed in every respect and on both fronts—the roadside front above and the garden side on the opposite page. The detail is clearly classical. Loebl, Schlossman & Demuth, architects

The living room and its porch occupy one wing. Stairs are in a corner tower. Beyond that lie the dining room and service. Four bedrooms, a playroom and space for two maids provide accommodations for a medium size family

A Directoire feeling is worked into the entrance, the combination of entrance door and French window above with a narrow balcony being in the best tradition. Both the roof slate and the stucco walls have been cleverly handled

A VERSAILLES HOUSE THAT CAME TO ILLINOIS

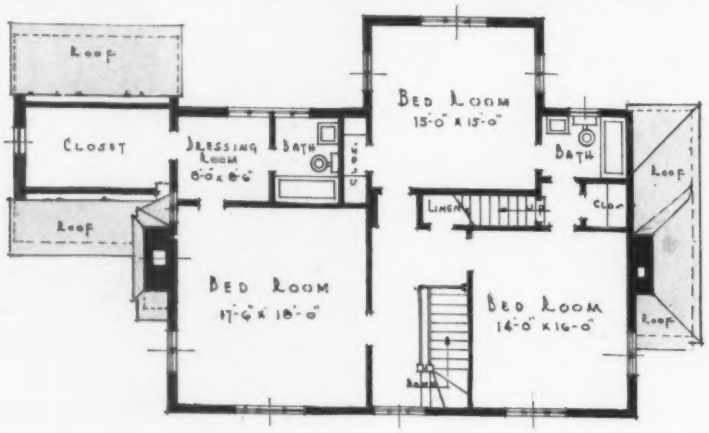


W. Duncan Lee, architect, of Richmond, Virginia, traces the inspiration for his house to the Irish cottage. Its ranges of casements downstairs and in the eaves are pleasant features

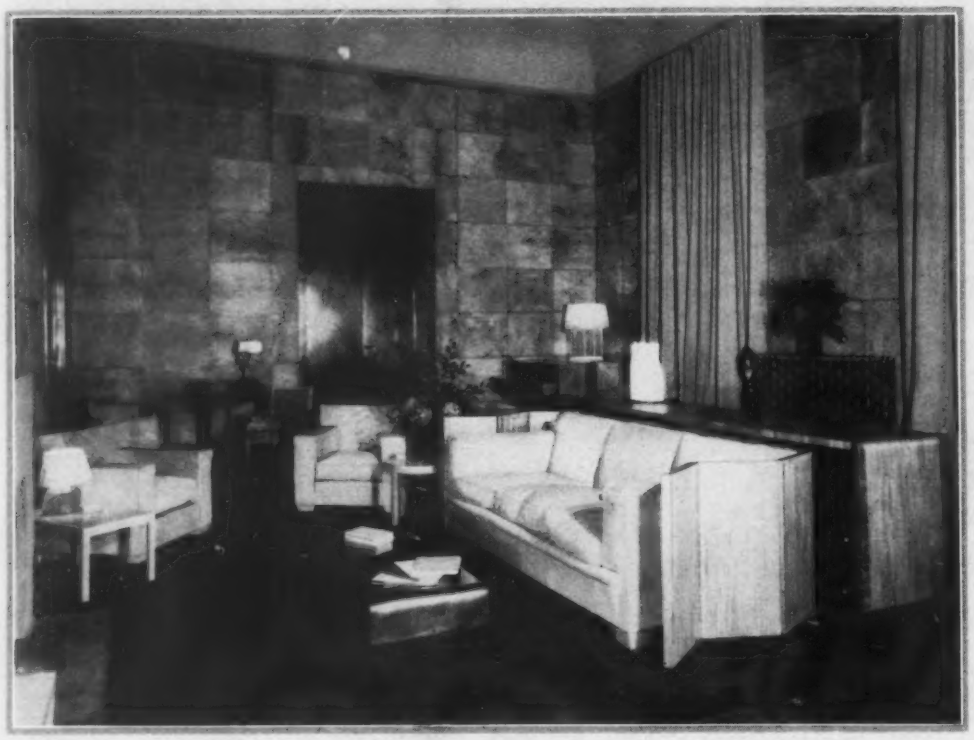
Compactness and ease of living are found in the first floor plan, and the garden is so laid out that it requires minimum care for the maximum of flowering and greenery background

Three bedrooms, two baths, a dressing room and adequate closet space make the second floor plan an ideal layout for the small family. The maid's quarters are on the first floor

The living room and sun room occupy almost half of the first floor. Both are simply furnished, antiques and modern pieces of various origins being mixed with an eye to comfort



THE HOME OF AN ARCHITECT IN RICHMOND



In the drawing room of the Vicomte de Noailles in Paris, of which M. Frank was decorator, the walls are covered with squares of vellum parchment and the doors are of burnished bronze

THE MODERNISM OF JEAN MICHEL FRANK

Some Notes Pertaining to New Wall Treatments As They Are Used by This Brilliant French Decorator

GEORGE CAYEAUX

THE path the modernist decorator treads is a narrow one. It is so easy for him to slip off into the abyss of the bizarre; so easy, on the other hand, for him to tumble into the morass of mere ugliness that often results when he tries to straddle traditional and contemporary styles. Yet it is possible to be modernist without losing one's balance, without creating rooms that will be out of date in a twelvemonth or be so outrageously bizarre as to hold the owner to the titters and scorn of his friends. One of the very few Modernists that seem to be treading this narrow path successfully is Jean Michel Frank, the young Parisian decorator.

M. Frank's departure from the usual treatment of rooms begins with the walls, and yet, in one of these at least, he is merely reviving an ancient custom. In some rooms he covers the walls with large squares of vellum parchment, giving it a tone that is light and elusive and at the same time reminiscent of ancient times. In other rooms he uses split straw marquetry to cover the walls, sides of furniture and panels of doors. Here again he is harking back to an old usage, for the 18th Century maker of little boxes used straw to advantage, and English collectors today are always on the watch for straw marquetry pieces made by French prisoners of war. In applying these two mediums to wall surfaces, M. Frank produces rooms of unusual interest, subtle color and unexpected pattern.

Since these mediums have been used in rooms illustrated here, it would be interesting to see just what kinds of furniture and accessories are successfully combined with them.

(*Continued on page* 166)

In this same room the carpet is deep tête-de-nègre and the curtains of beige heavy silk. The furniture is upholstered in white leather

This tiny modern bar made from two wall closets measures only three yards square. The whole room is finished in silver leaf with the walls striped in blue, silver and copper color. Linoleum painted black, ivory, pink and tan covers the floor and the lights are tubes of frosted blue glass. Designed by Charles H. Henders

TO PROMOTE A PLEASANT PASTIME

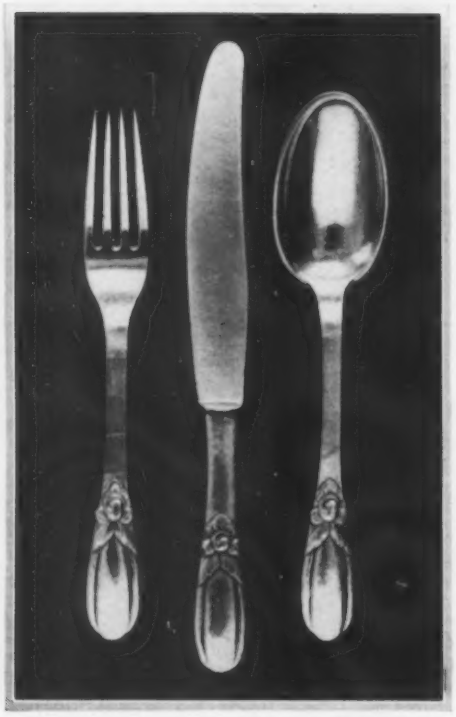
Above is a room in a country house decorated to suggest an old sidewalk bar. The walls in scenes of Broadway in 1860 were painted by Louis Bouché. Chairs are lacquer red, tables green and the awning tan and brown. Cleveland & Randall were the decorators

The front of this bar is painted to represent a wood railing, with the counter portion of mahogany. Shelves painted lacquer red backed by mirrored glass with a painted decoration in the center contribute to the gaiety of this space. Helen Novak, decorator

The game room above with its effective playing card doors and modern furniture is in orange, tan and brown. Games decorate the brown linoleum floor. The Hedlow, decorators

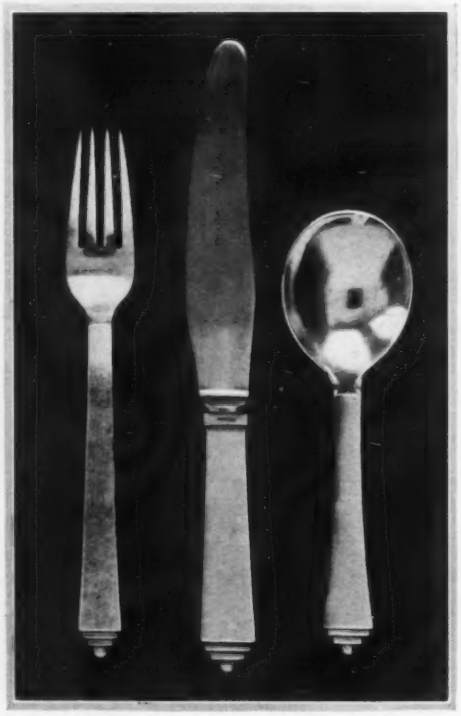
Well-planned shelves, an electric fruit juice squeezer and nautical accessories are features of this bar in a ship room. The pirate panel at the back was done by Charles Baskerville

DECORATION ENTERS A NEW FIELD

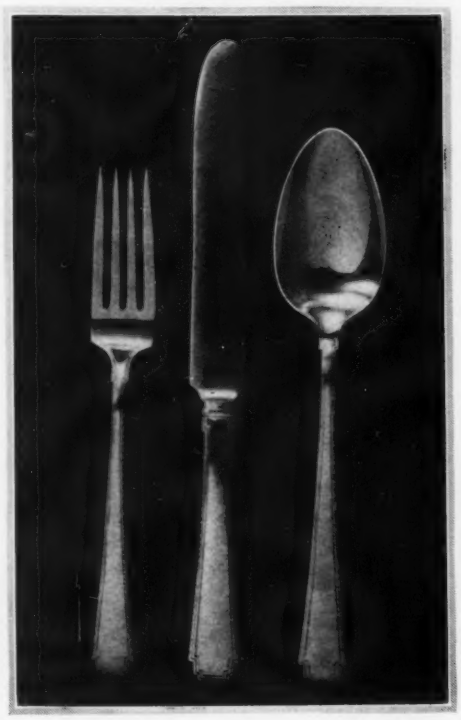


(Upper row) French china, green tree motif, Lord & Taylor. Bohemian glass, olive and dark green, Can-Dle-Luxe Shop. Domestic pottery, green gazelle, Wanamaker. German painted glass, blues and greens, Macy. French china, platinum on gray, Ehrich Galleries. (Center) Goblet, mille fleur cutting, Ovington. Painted glass, Macy. Modern crystal, McCreery

(Above, lower row) Gray fluted bowl and candlestick with platinum bands, Ehrich Galleries. Swedish pottery, delicate mauve on gray, Wanamaker. (Left) Decorative modern silver featuring simple Lily motif, Danish & Swedish Silversmiths. (Right) The pyramid design of this silver suggests the set-back planes of modern architecture. Georg Jensen

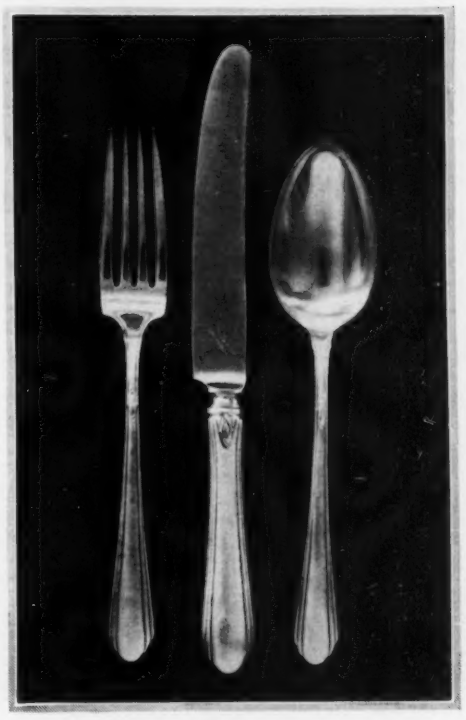


FOR THE MODERN DINING ROOM



You do not have to follow the hounds to appreciate the gay accessories inspired by the hunt. (Top row) Glass beaker with painted scene; Spode plate in black and white, Plummer; Wedgwood pitcher, design in color, Rich & Fisher. (Center) Red china fox and spotted dog for decoration, Plummer. English goblets with hunt figures inside stem. Arden Studios

(Above, lower row) Wedgwood plate, fluted border and hunting scene in color, Rich & Fisher. Danish silver dish with small spirited horses forming the handles, Arden Studios. The design of the flat silver at the left has an interesting modern flavor without being extreme, Stern Bros. (Right) A smart modern pattern adaptable to any period room. Caldwell



APPOINTMENTS FOR A HUNT TABLE

The GARDENER'S CALENDAR *for* SEPTEMBER

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

FIRST WEEK

NEW plantings of Iris are tasks for August and early September—the earlier the better, in order that the roots may become well established before cold weather puts an end to their activities for this year. Recent issues of House & Garden have devoted several pages to these most excellent perennials, so there is no need to say much about them here. Let it suffice to recall two very important points in their culture: the Bearded group prefers alkaline soil, while the Beardless sorts like an acid condition.

Whether they are newly planted or quite well established, both conifers and broad-leaved evergreens will be helped by plenty of the right kind of mulch as they approach the autumn season. A two or three-inch covering of peat-moss, rotting Oak leaves or dead Pine needles, placed over the whole area occupied by their roots, will do a great deal to conserve that soil moisture which these plants must have if they are to come through the winter successfully.

If any woody cuttings have been made during the summer, now is the time to plant them out in good soil—provided, of course, they have made enough good roots to warrant taking them from the propagating bed. With them, as indeed with all fall planted nursery stock, it is important to give plenty of water.

Garden work is sometimes comparatively light during the early part of September, so one may have a chance for carrying out some winter preparations. In this category comes the building of an indoor greenhouse, a few feet long and high, which can be used in a sunny window for choice plants or starting seeds.

SECOND WEEK

THOSE who were wise and sowed their perennial seeds in May should now have plenty of young plants that are sturdy enough to be set in their permanent places in the border. Because the sun is still hot, better do the transplanting in cloudy weather, and, if you have been particular about saving empty berry baskets, use them freely to provide shade over each little plant for a day or two. Late started seedlings which are still in the infant class are no fit subjects for this outdoor planting. They will come through the winter far better if kept in a coldframe.

After having done battle with the weed armies for months, it would seem as though loyal gardeners were now entitled to rest on their laurels, or whatever it is that such folk rest on when the occasion for arduous labors is past. Unfortunately, though, that is not the way horticulture is constituted. In some ways, September is even more important in its bearing on the weed crop than the months which precede it, for many of the most pestiferous kinds are now consolidating their positions. A thorough mopping up of all cultivated ground will rout out the perennial sorts and put a stop to the seed-ripening activities of the annual types.

And while you have spade and rake at hand, get the ground ready for planting the Grape Hyacinths, Scillas, and other small, early-flowering bulbs which are to go in toward the end of this month. It will repay you handsomely to take some pains with the soil in which they are to go—providing it with plenty of leaf-mold, some coarse sand to insure drainage, and a sprinkling of coarse ground bone for long-lasting enrichment.

THIRD WEEK

THE wild Lily bulbs are well ripened by this time and may be dug any day between now and the middle of October for replanting at once. Success with them hinges chiefly upon giving them the same sort of soil and general exposure as they had in their natural haunts. With most kinds, this means plenty of leaf-mold or other natural humus, a fair degree of moisture and a generally acid condition of the soil.

If there are Apples or Pears to be picked, better go about it with a fair degree of care, or next year's crop will be curtailed. These fruits are borne on short, stubby "spurs" which, for all their being strong enough to sustain the weight of their natural burden, are quite easily snapped off. If the picking is carelessly done, some of these spurs will be broken, thereby lessening the future fruiting of the tree by just that much. The proper way is to break off the true stem where it is attached to the wood.

Shortly, now, the coldframes will be needed again for young perennials, late vegetables and a number of other fall and winter uses. This is a fitting time, therefore to see that they are fully shipshape—no broken lights, well painted, supplied with plenty of the right kind of soil, mats for cold weather, and so on.

And when that is all attended to, take a sharp spade or a regular edging tool, along with a good garden line, and give a final trimming to all lawn edges, paths, drives and other places where there is need of clean-cut turf edges. Grass won't be extending its roots much after this month, so this will be the last edging for 1929. If done thoroughly it will be appreciated next season.

FOURTH WEEK

BY the end of September the eastern countryside is ablaze with the glory of the hardy native Asters, a display which rivals in beauty the autumn hues of the tree and shrub foliage. The fact that practically all of these lovely wild-flowers take kindly to cultivation is one of our real garden blessings. One might not care for the somewhat weedy growth in a small formal border, but as backgrounds or in more extensive beds they are invaluable. Hybridizers have improved their blossom size and widened their color range, but we confess to a genuine fondness for the plants which knew no culture until we transplanted them from the woods and fields.

It is too bad that the Asters are forerunners of a less pleasurable event—the arrival of the first frost. Whether or not you believe in the old saying about frost coming six weeks after the first katydid was heard, there's no denying that it won't be long now. Watch out for a clear, still, chilly night after a brilliant, northwest-wind day. When it comes, spread a few newspapers over the more tender flowers—a precaution which may mean the warding off of those two or three degrees of frost that may not come again for a couple of weeks.

And while we're talking of colder weather, this is not too soon to pot up Tulips and other bulbs for later forcing indoors. Use the regular earthenware bulb pans for this, and after planting sink them in the ground under a substantial mulch of leaves. Along in the second half of November the first of them can be lifted, brought in and given gradually increasing heat and light until they bloom for Christmas.

OLD DOC LEMMON SAYS—"It's allus seemed to me thet the humanest kind o' country is the one with real hills into it. It's kind o' changeable, ye know, an' sometimes a leetle onexpected. Today it's ca'm an' easy goin', unruffled as a Sunday mornin', an' tomorrer, as ye look acrost the valley, ye see one frown after another move over the forehead o' the far slopes as the cloud shadders run afore a nor'west gale. Ag'in, the hull face o' the hills is sad an' wet with gray tears o' rain or misty as a ghost's when the dusk shuts down. Seems like ev'ry leetle idee o' Nature, laughin' or cryin', is wrote as clear as spring-water in any real hill country, if only a man has the feelin' to read 'em.

"Take 'em by an' large, the hills are mighty friendly. They sort o' come down to meet ye as ye go along the valley road, like they wanted to take your hand an' lead ye up over the sky-line to t'other side o' nowhere. They make ye want to keep on a-goin', kind of, without knowin' quite where—specially in the springtime an' ag'in on clean fall days. I dunno just why, less'n it's b'cause there's allus somethin' hid from wherever ye be.

"The way I look at it, it's them sort o' human things thet're most worth tyin' to, when all's said an' done. They stand by ye, like, an' ye can sort o' lean your back ag'in 'em for a spell, when ye're tired, an' git ready to look the world in the face ag'in.

BOUILLON.... WITH THE TRUE FRENCH ACCENT

....by Campbell's famous chefs!

Clear soup, such as bouillon, has a very definite and distinct place in the family menu. It is to be selected for its bracing, invigorating effect rather than for supplying body-building nutrients. Bouillon, by reason of its delicious and stimulating meat juices, challenges the appetite and promotes digestion. Thus at the beginning of a meal, it induces a very delightful sense of well-being and prepares the way for the foods that follow.

Many times, too, a stimulating cup of bouillon is desired by itself, to refresh and revive. Its value in the sick-room is well-known.

Campbell's Bouillon combines a delicacy of flavor that is truly French and a fullness of strength that insures the utmost benefit. Only the most carefully selected beef is used for the broth of amber clarity, deliciously flavored with celery, onion, leek, parsley, herbs and seasoning. 12 cents a can.

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DO your walls convey the theme of each room . . . its capacity to be gay or stately, personal or remote? Thomas Strahan Co. has been "keying" rooms for over forty years. Creating wall papers that capture the quaint charm of yesterday . . . the crisp vitality of today. Let Strahan papers supply a harmonizing theme to *your* home. They are available wherever fine wallpapers are shown.

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Factory: Chelsea, Massachusetts

Boston rocker of about 1830, made of birch and whitewood, showing the rolling seat and bent spindles in combination with scrolled headpiece

THE ROCKING-CHAIR—A HISTORY

(*Continued from page 96*)

story have only recently been gathered together.

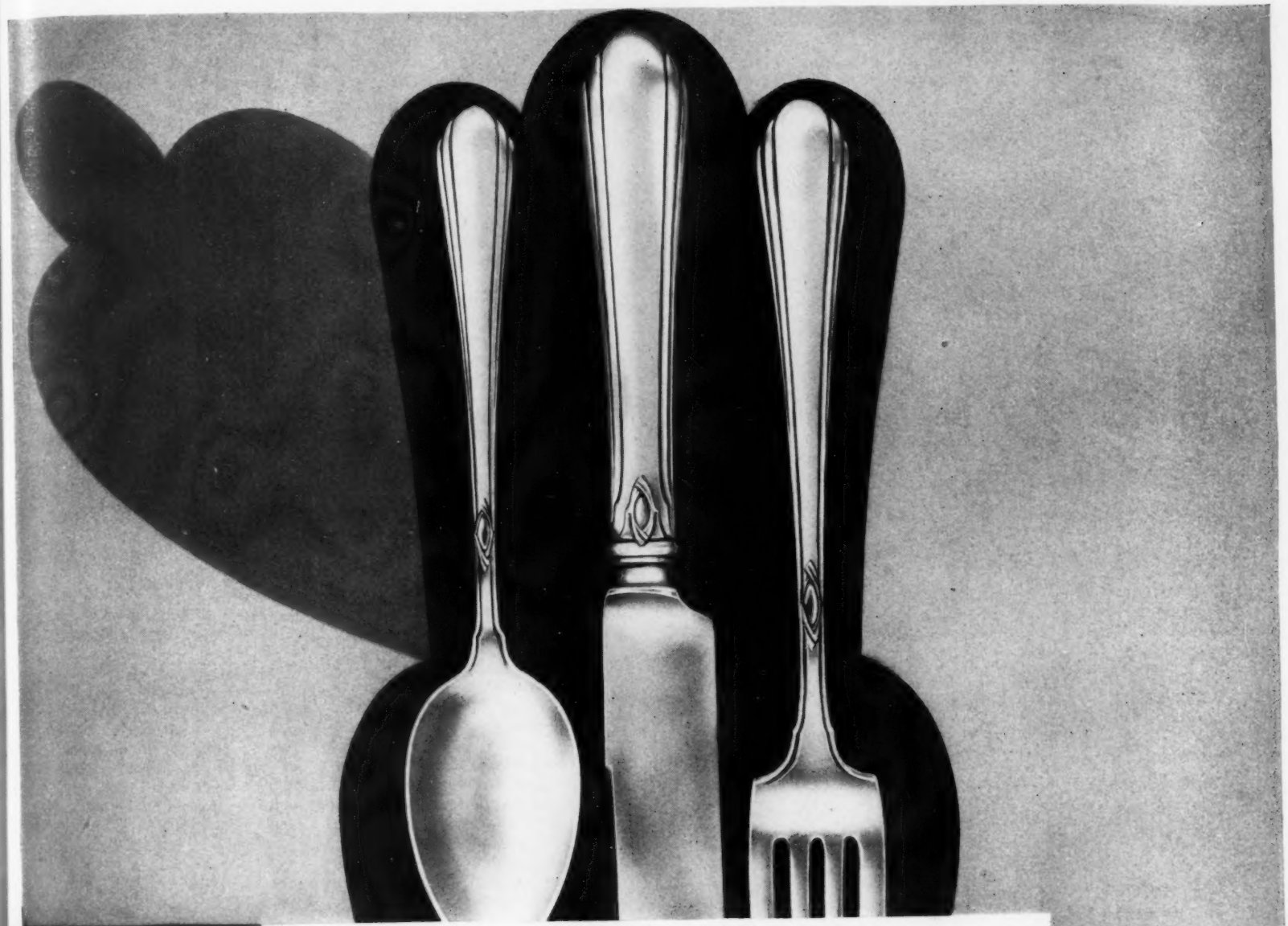
I believe it may be safely stated not only that the development of the rocking-chair was confined to this country, but that the idea of placing chairs on rockers was originally a Yankee notion. It is true that rockers had been used in infants' cradles in Europe for perhaps three or four centuries, but no European seems ever to have conceived the idea that this same rocking motion might be pleasing and soothing to adults. I have read contradictions to this statement, written by persons who remember having run across an old rocking-chair in some part of Europe, but proofs of authenticity have thus far been lacking. It is entirely within the range of possibility that some ingenious Swiss or langorous Spaniard, somewhere and at some time, may have built for himself something like a rocking-chair, but certainly the idea never spread and practically all rocking-chairs now to be found in Europe are called American rockers and are, generally speaking, looked upon with no great favor.

A fact of major importance in connection with the development of the American rocking-chair is that rockers were first applied as an afterthought to chairs originally built to stand firmly on their four feet. This practice appears to have started at some time subsequent to the year 1750 and to have continued for half a century. It was not until about 1790 that true rocking-chairs were made and they were not at all common until after 1800.

As a class, therefore, converted rocking-chairs are older than true rocking-chairs and consequently of greater interest to antiquarians. Not being originally designed for this purpose, however, they frequently fall short of the artistic line and porportion. Any piece of furniture that has been patched, or altered, or made over is likely to have a look about it that is unpleasant to those whose ideas of antique furniture are somewhat con-

(*Continued on page 134*)

(Above, left) Stenciled Boston rocker made about 1840 by Hitchcock Alford & Co., with earlier headpiece. (Above, right) Boston rocker made about 1830 by Hitchcock, Alford. Mrs. Guinon Williams



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THE ROCKING-CHAIR—A HISTORY

(*Continued from page* 132)

ventional. To others, this very makeshift and primitive appearance possesses a special charm.

This practice accounts for the fact that rockers are not infrequently to be found on types of chairs antedating 1750 and has given rise to the occasional belief that the invention of the chair rocker was older than that. Obviously, there was no rule as to how old or how new a chair should be converted, provided it was sound enough to warrant the trouble. In the year 1780, for example, an American householder might have made such use of a chair fifty years old. The chances are that he would favor some tried and true old armchair friend. That is why we sometimes find rockers added to early slat-back, banister-back, and fiddle-back chairs as well as to late slat-backs and early Windsors. Even Sheraton "fancy" chairs of a date subsequent to 1800 have been found with applied rockers. The age of the original chair as well as the age of the rockers is taken into consideration in estimating the antiquarian value.

It is sometimes difficult to determine whether a chair is a late converted type or an early true rocking-chair. Not to go too deeply into technicalities, it may be said that the rockers usually show evidences of having been added. Sometimes they were obviously bolted on the outsides of the straight chair's legs. Sometimes slots were cut in the legs and thin or knife-blade rockers inserted, and then one has to look for other evidence. Because rockers raised the chair somewhat from the floor, it was customary to saw a couple of inches off the legs, so that the lower rungs of converted chairs often appear closer to the rockers than any designer of a rocking-chair would have placed them. Sometimes the use of a different kind of wood may be taken as evidence. In general, it may be said, however, that if the style of the chair indicates a date of manufacture much earlier than 1800, it is a converted chair.

If, on the other hand, the chair legs were turned down to a dowel to be inserted in the holes of thick rockers, or were made large to be slotted for thin rockers, these conditions may be taken as evidences of the fact that the chair was originally made with rockers.

DEVELOPMENT OF FORMS

The changing forms of the rockers themselves furnish an interesting but somewhat technical study. Many of the earlier ones were obviously whittled out of boards by an amateur. Naturally enough, many of these followed the prevailing form of cradle rockers, being broad in the middle and with the top line either straight or cut out in a crude curve or curves. The bottom line, of course, was the arc of a wide circle. Not all the early ones were of this form, however. Some were made from thin boards and were fitted into slots cut in the legs of the chair; some were thick and the chair legs were whittled down and fitted into holes on the top of the rockers; the upper line was finished in various different forms.

It is not possible to trace a definite chronological development in rocker forms. If it were, it would be easier to fix dates. Individual workmen followed their own ideas and old and new forms overlapped. In general, however, it is sufficiently exact to say that the first rockers were the same length fore and aft. As it became evident that greater safety and comfort were insured by lengthening the portion of the rocker extending behind the chair, this method was gradually adopted and something like a continuous development is to be noted. Rockers noticeably extended to the rear appear to have been generally adopted after 1800 and appear on most, though not all, of the true rocking-chairs.

WHEN ROCKERS WERE ADDED

The date when rockers were first applied to straight chairs is still a matter of doubt and speculation. Dates as early as 1725 have lacked substantiation. The theory that Benjamin Franklin invented the idea about 1760 in ingenious and engaging, but it is based on circumstantial evidence. It is known certainly that rockers were used on chairs in the vicinity of Philadelphia between 1770 and 1780. An extant bill written by William Savery of Philadelphia in 1774 specifically mentions rockers. It has been the belief, however, that rockers were used on chairs in New England before that, and evidence corroborating that belief has recently been discovered. In the remarkably well-preserved archives of the town of Hadley, Mass., bills have been found dated 1762, 1763, and 1764 which mention fitting rockers to chairs, and it is altogether probable that the practice was not uncommon a decade earlier.

Such disputes and speculations, however, are more or less academic. The layman will be chiefly interested in knowing that a very old converted rocking-chair may date back to the middle of the 18th Century but was more probably converted after the Revolution. A search for the exact date of the first true rocking-chair is also a matter for antiquarian interest chiefly. Somewhere between 1790 and 1800 is the probable date, judging by available evidence. Certainly the true rocking-chair was not at all common until after 1800, or even as late as 1810, when the "fancy" and Windsor chair shops began turning them out for the trade.

The earliest rocking-chairs are so scarce that the average antique hunter need not concern himself greatly with information dealing with chairs made before 1800. Chairs of 1800-10 period, however, are well worth attention, not merely because their age and rarity makes them valuable, but because many of them were actually more graceful and more interesting from the point of view of design than the later ones. And the story of their gradual development is the story of the evolution of the familiar Boston rocker.

The first true rocking-chairs were

(*Continued on page* 138)

SELECTED AS A FITTING SYMBOL OF LIGHT'S GOLDEN JUBILEE

For light's golden jubilee

A new three-purpose lamp providing INDIRECT LIGHT

ITS *Inspiration*—the vogue of smart homes for indirect lighting, light that protects eyes and gives clear, shadowless illumination.

Its *Occasion*—the celebration of Light's Golden Jubilee, in which it appropriately takes its place as the triumph of fifty years of electric light.

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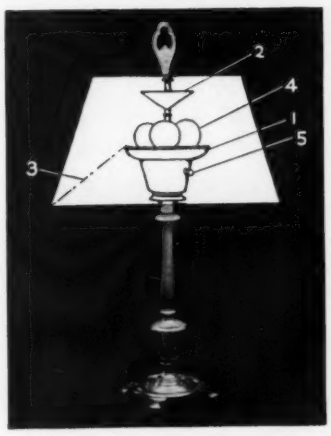

Designed on Reflected Light Principle

The principle of the Miller Golden Jubilee Lamp is to soften and diffuse its light, and to use all rays so that none strike unnecessary territory. Examine the model sketch below and see how precisely the bronze cup-shaped reflector (1) below the light bulb catches every downward ray and throws it upward and outward, and how the fan-shaped reflector (2) above re-directs each upward ray.

So carefully are the angles adjusted to the lamp shade (3) that there is no possibility of the eye's glimpsing the naked light bulb. This feature also protects your eyes from the reflected glare of naked light upon the shining surfaces of your magazine or the bright surfaces of the enameled playing cards. It provides you with the finest in clear, diffused, protected light.

Three upright bulbs (4) provide the light for this lamp. And one, two, or all three of them may be turned on by progressive twists of the single switch (5). This flexibility adjusts the lamp to its three purposes. One lamp is sufficient to take the place of any single ceiling fixture, yet it may be adjusted to the status of an average table lamp.

Both Floor and Table

The Golden Jubilee Lamp comes in both table and floor models, which have been designed with all the beautiful restrained symmetry that has characterized every lamp produced by the distinguished craftsmen of The Miller Company since 1844. They are finished in rich burnished bronze. Shades, in a choice of six designs, are of parchment. Both models come at the special Golden Jubilee price of $24.50 complete.

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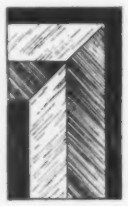
GOLDEN JUBILEE INDIRECT PRINCIPLE

MILLER *lamps*

OF DISTINCTIVE CRAFTSMANSHIP

What is a BACHELOR CHEST?

WHEN the young seventeenth-century Britisher decided to take up law and enroll as a student at the Inns of Court, it was customary for him to place in his apartment a small chest of drawers of traditional design with sliding tablet for writing. In this bachelor chest would be stowed his routine belongings as well as the scented mementoes of romantic conquests. Quite typical is the Danersk bachelor chest pictured below.

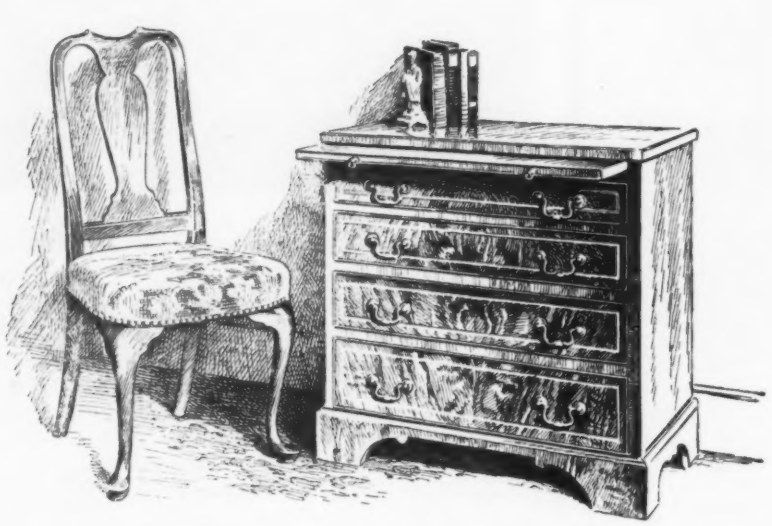


What is a herringbone inlay?

When two strips of straight-grained walnut are cut on a bias and glued together, the resultant grain suggests the herringbone weave so familiar in good woolens. Herringbone inlays around drawer fronts are distinguishing marks of choice furniture of the walnut era. They are found in each drawer of the Danersk chest shown below.

What is a mortise and what is a tenon?

The various parts of a fine chair or chest are joined together by fitting projecting pieces of wood called "tenons" (from the French *tenir* "to hold") into carefully cut slots called "mortises." Wooden pegs are often driven through for added strength. Such careful craftsmanship involves so much time and skill that it is used only in connection with such fine furniture as the Danersk chest below.



THE Danersk Bachelor Chest pictured above is made of English walnut. Skilfully joined with mortise and tenon by Danersk Scotch and English cabinetmakers. Each drawer covered with burled wood around which run interesting herringbone inlays. The broad sweep of the bracket feet will be recognized as a mark of fine pedigree. This little chest is a recent addition to the ever-increasing assortment of Danersk pieces for all rooms of the house. When you see its fine craftsmanship, its scrupulous fidelity to design, you will understand why Danersk furniture is eagerly collected by so many hundreds of people.

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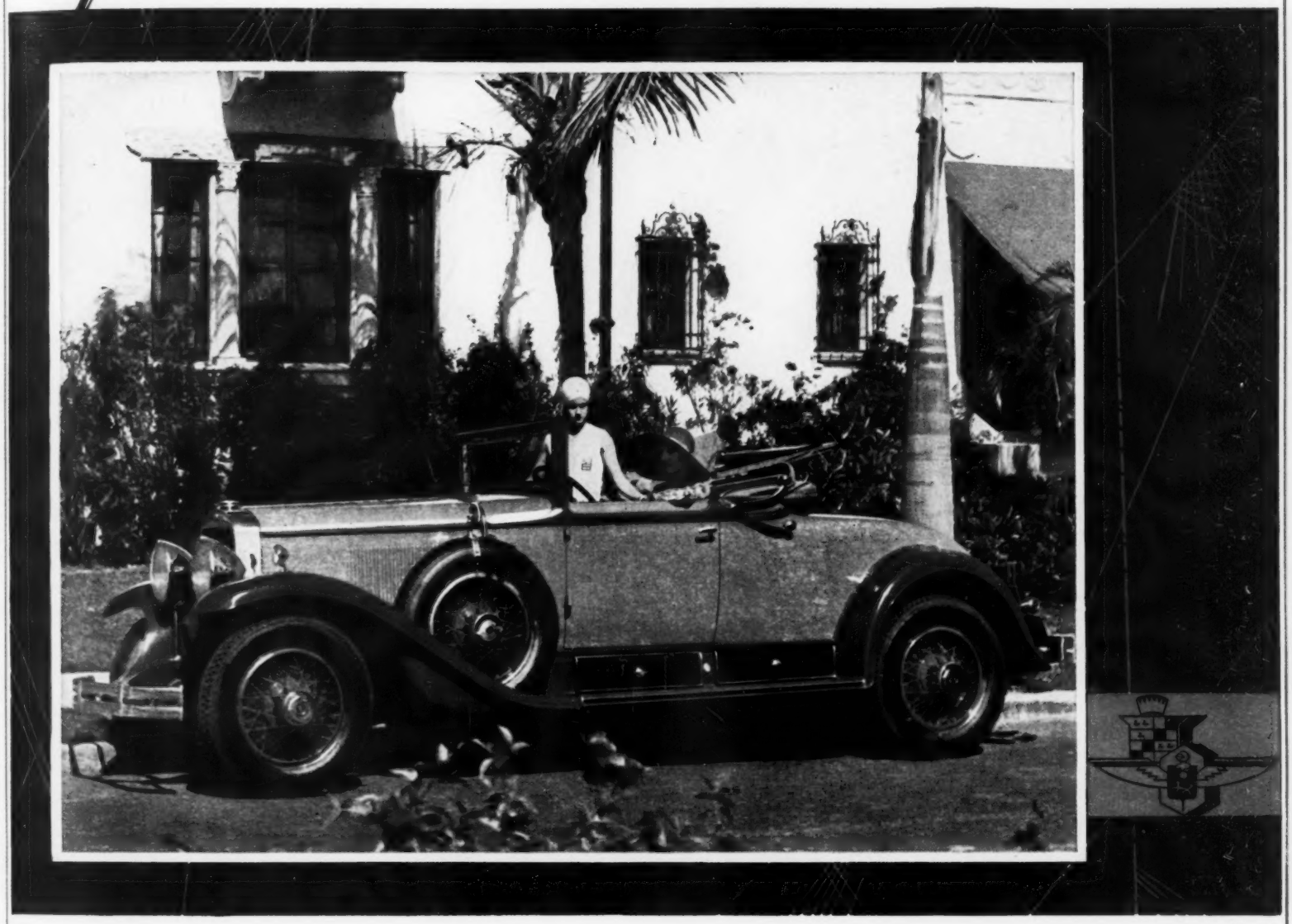

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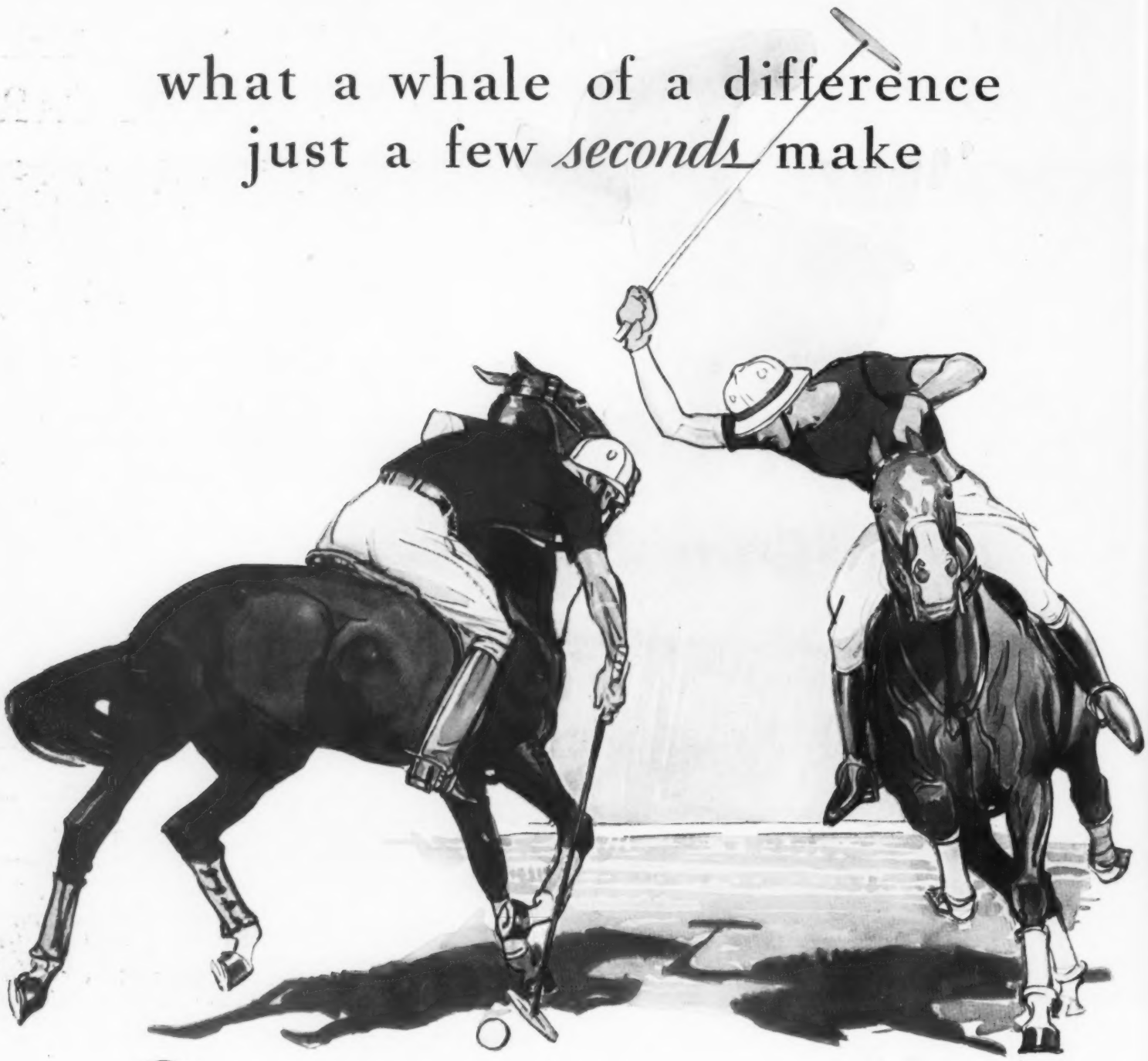
what a whale of a difference
just a few *seconds* make



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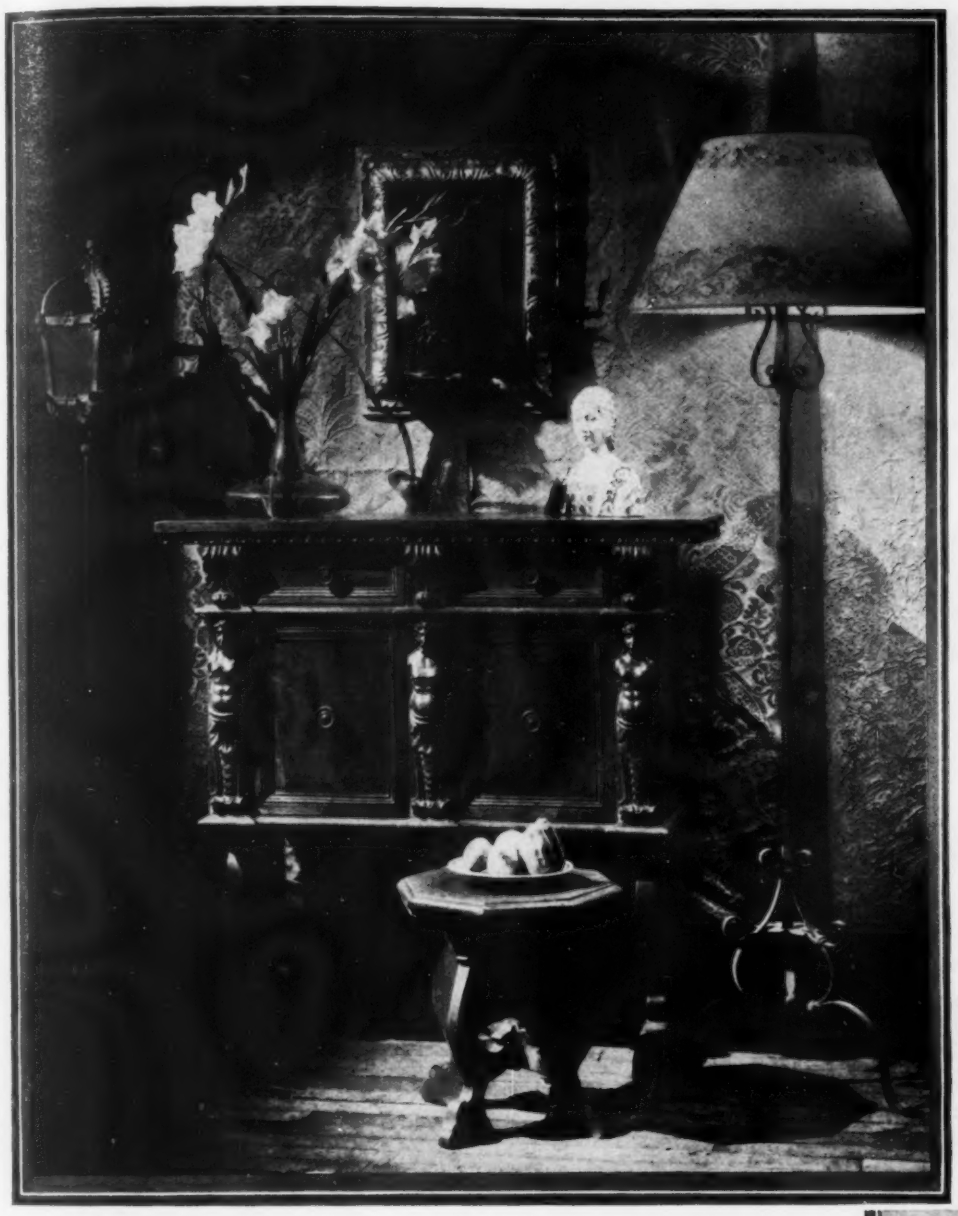

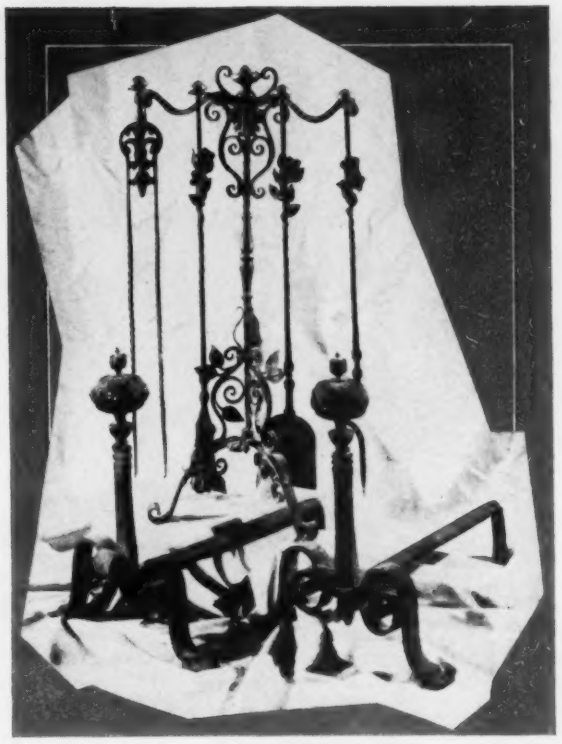

We have published a booklet,* "THE INTERIOR ARTS OF ROMANTIC ITALIA" *which contains an illustrated story of the great periods and a valuable chart of decorative data that should prove helpful to those interested. It will be mailed on receipt of one dollar.

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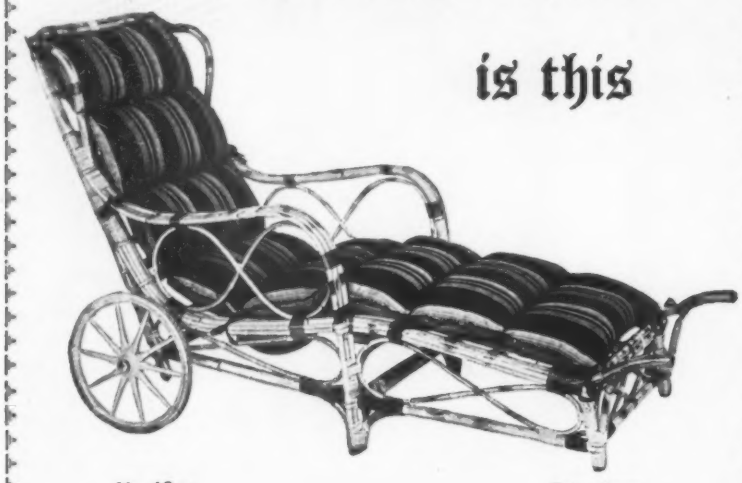

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THIS decidedly useful piece of furniture is all rattan construction, finished in natural color, and decorated with bands of French enameled cane. It is upholstered in an imported fabric in multi-color Roman stripes, chemically treated to resist water. It is sturdily built in every detail, and is designed to be moved from place to place. It is particularly convenient for an invalid.

Established forty-three years ago, Sons-Cunningham have long enjoyed an enviable reputation as leaders in design, style, construction and quality in reed and rattan furniture. They enjoy the patronage of those who seek a high standard rather than a low price. The purchaser is protected by the Sons-Cunningham label affixed to the bottom of each piece.

You are cordially invited to call at their showrooms, where a most representative display in a wide range of designs and colors is available for your selection. Purchases may be made through your dealer or decorator.

A portfolio of colored prints and other illustrations will be mailed upon receipt of twenty cents—stamps or coin.

Sons — Cunningham Reed & Rattan Co., Inc.

ESTABLISHED 1886

383 MADISON AVENUE, NEW YORK

at 46th Street

THE ROCKING-CHAIR—A HISTORY

(*Continued from page* 134)

of many types, and one may expect to find almost any kind of 19th Century chair built with rockers. Apparently the rocking-chair maker first made use of the style he liked best, or was accustomed to make, or thought most desirable for the purpose, made the legs shorter, and built rockers on them. Thus we find all sorts of Windsor forms made with rockers—bow-back, fan-back, comb-back, and low-back, with the late Windsor forms naturally predominating. There were also among the true rocking-chairs Sheraton "fancy" chairs and late forms of slat-back and fiddle-back chairs.

The prototype of the Boston rocker was the Windsor rocker type that had a high, square-topped back, slender spindles, and the flat wooden seat. The low-backed Windsor rocking-chair also contributed features, and it was on these that the curved-over arms first appeared.

CHANGING TYPES

Between 1810 and 1820 Windsor characteristics became less marked and a new type began to emerge. At this time hardly any two chairs were alike and exceptions were more common than rules. It is interesting to note, however, in connection with a study of style development, that now and then a chair of this period is to be found with a broad, horizontal, rectangular piece at the top of the high spindle back, and frequently curved-over arms. Spindles began to be steamed and bent to fit the sitter's back and stenciled or painted decorations began to appear on the top slat.

With the somewhat abrupt appearance of the rolling seat, about 1825, the history of the Boston rocker may be said to commence. We begin now to find rocking-chairs with rolling seats, curved-over arms, bent spindles, and shaped head-pieces or rolling crests. More often than not these chairs were decorated with stenciling. There was as yet no uniform type and these chairs differed from the later Bostons in numerous details, but the Boston look of them is unmistakable. On account of their age, their variations of design, and their grace and elegance, these early examples are the prizes sought by the collector of Boston rockers.

About 1835 we begin to see evidences of mass production and cheapening. Designs became more nearly uniform, decoration less fine, the headpiece less ornate. The rolling seat became more and more common, though it is interesting to note that the earlier flat seat persisted to a certain extent and was never entirely abandoned by the makers of Boston rockers. It is not safe to assume that a chair with a flat seat is older than one with a rolling seat.

About 1840 standardization of design became general and the late form of Boston rocker became a matter of quantity production. These rocking-chairs were made in large numbers for twenty years or more and are still in common use in New England. The common form is too familiar to require extended description. It had thin rockers long behind, turned and slightly raked legs, turned stretchers, a rolling wooden seat, arms curving over to fit the hands, and a high back of two turned stiles and seven spindles surmounted by a flat horizontal piece with curved outline at the level of the sitter's head. I should say, at a guess, that this description would fit four-fifths of the Boston rockers manufactured after 1845. Perhaps one-fifth had cane seats. Minor variations occasionally encountered in the late Bostons are the flat seat, head-pieces shaped to an older style, six instead of seven spindles, other forms of arms, and differences in general proportions.

There was also what is known as the "little Boston" or, sometimes, the nursing chair. It is simply a small brother of the standard Boston rocker with only five spindles and with no arms. A second cousin of the Boston rocker was the rocking settee, built along Boston lines but with a long, low back containing a dozen or more spindles and usually with a hinged gate at one end which, when raised, furnished a crib or cradle for a child. A very late and degenerate form of Boston rocker had a vase-shaped splat in the back instead of spindles.

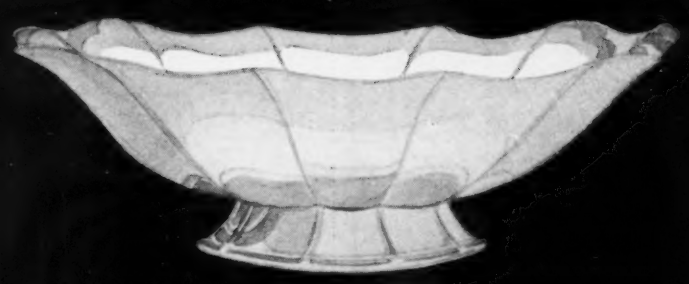
Nearly all Boston rockers were painted and many of them were decorated either with simple lines or with more or less elaborate stencil patterns. Most of them were made with pine or white wood seats, while legs, spindles, stretchers and arms were of hickory, maple, oak or ash. Sometimes the arm-rests were of cherry or apple wood and were finished natural, while the rest of the chair was painted. A few were made wholly of maple and were finished natural. The stenciled Bostons are naturally more interesting and of greater value than the plain ones. The decoration appears on the head-piece and frequently on the front roll of the seat. Flower, fruit and scroll designs are commonest, though occasionally one finds an interesting attempt at landscape on the head-piece. The older, finer stenciling is considered more desirable than later examples which were generally coarser.

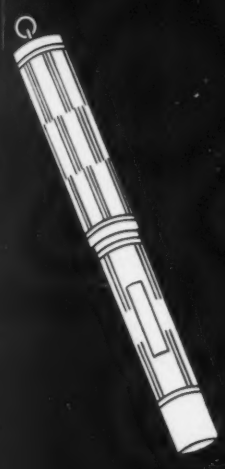
It is not known how or when this rocking-chair acquired its name. It was not given by modern collectors but was advertised as early as 1840. It is less likely that Boston was the original source of this chair than that enterprising manufacturers flourished there after 1835 and adopted the name for its advertising value.

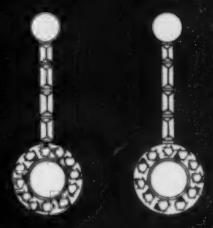
OTHER ROCKER TYPES

While the Boston rocker outnumbered and overshadowed all other forms of the rocking-chair from 1835 on, it is not to be supposed that this was the only kind of rocking-chair made in this country during the middle years of the century. Some of the other kinds, indeed, because less common and more graceful, are of greater interest to the antique hunter. All through this period rocking-chairs were made by the Shakers of Mt. Lebanon, N. Y., which were highly

(*Continued on page* 140)







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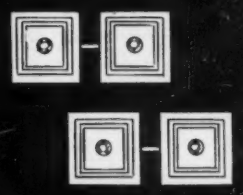

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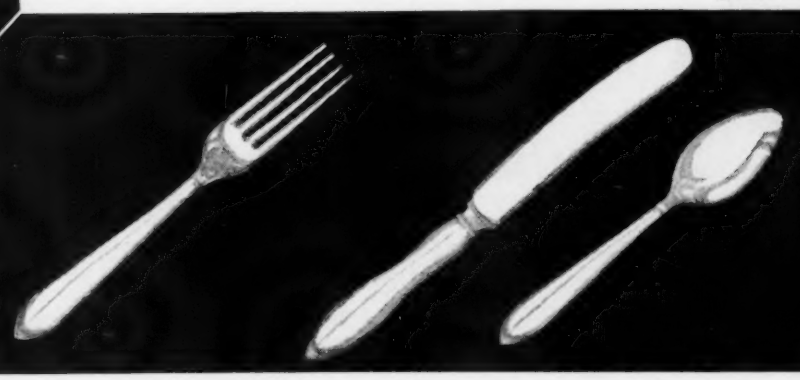

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HE sweeps along the ground, whisking up dust and dirt. Then he beats against your home and forces in this grime *around your windows and doors*, regardless of whether they are made of wood or metal. During the Fall and Winter he pours in cold and soot . . . causes fuel waste, drafts and discomfort.

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Monarch Weatherstrip is unusually efficient in conquering discomfort. Recognized authorities have verified this superior efficiency repeatedly by impartial "air leakage" tests made in their own laboratories.

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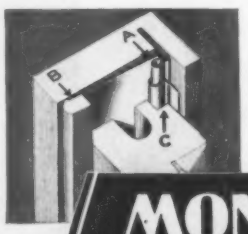
Monarch not only guarantees material and workmanship, but also guarantees that its Weatherstrip will maintain *maximum efficiency* for the life of the building. Yet, the actual installation cost of Monarch on either wood or metal windows and doors is *suprisingly low.*

Fall and Winter discomforts are coming. Phone one of the *150 Monarch Factory Licensees* and have him explain how you can purchase Monarch Comfort Insurance on an easy *Budget Payment Plan.*

Or, let us send you the complete Monarch story in our booklet, *"Where Heat Economy Begins."*



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THE ROCKING-CHAIR—A HISTORY

(*Continued from page* 138)

regarded and widely distributed. They were chiefly slender but strong slat-back rocking-chairs, with and without arms, the style of which was altered but little from decade to decade. From outlying sections of New Hampshire, Vermont, western Massachusetts and New York come odd chairs which have little in common with one another except flattened spindles. Always there is the chance of picking up something unique, if not beautiful, which illustrates a departure from the main current of style development. And finally there were the upholstered and scroll-arm rocking-chairs that came into vogue during the Civil War period.

Nothing is to be gained by attempting to start a new fad, and it is doubtful whether the American rocking-chair possesses the qualities likely to inflame the imagination and cupidity of the collector. The fact remains, however, that interest in the rocking-chair appears to be on the increase and old rocking-chairs are being bought and sold. They possess the virtue of present-day usefulness and as historic antiques they are certainly indigenous.

No extravagant values have yet been attached to rocking-chairs, though there is no telling what may happen if the rocking-chair should chance to become a fad. Late Bostons without stenciling are easy to find at $10 or less. The stenciled ones are usually valued at $20 to $25. The finer and rarer things are worth whatever the seller can get for them. The older Bostons with fine stenciling and other early forms deserve a fairly high valuation, though I recently saw one early high-back chair, very graceful and devoid of clumsiness, with the old short rockers, advertised for only $35. The 18th Century converted chairs may usually be granted a higher valuation on the ground of antiquity.

The ordinary antique hunter, however, who is neither antiquarian nor faddist nor connoisseur, will probably first be attracted by the more interesting of the stenciled Bostons of the mid-century period, and work back from those to the early true rocking-chairs, the first Bostons and the Windsor rockers, making grace of outline, delicacy of decoration and satisfying proportions the criterion of choice.

ROOMS IN BLACK AND WHITE

(*Continued from page* 90)

Floor: Is a natural light waxed wood relieved by rectangular black bearskins or zebra skins, the latter to retain natural shape.

Curtains: Windows may be shaded with white Venetian blinds. If this treatment is too severe, velvet curtains of a straw-like yellow may be substituted. In this case a valance of black similar to that in the bedroom, or a repoussé brass or silvered valance may be used.

Furniture: Furniture should be for the most part overstuffed, comfortable and simple in line and covered with bottle green sateen, if a dark note is wanted; otherwise the tint of the curtains may be repeated in the furniture by using woven straw fabric such as Korean matting as the covering. Circular or cubic puffs covered in natural dark chamois will add an informal note and diminish the effect of a forest of legs due to the multiplicity of chairs. Any natural light toned furniture wood is desirable.

Accessories: The pale tones of wall and curtains will form a helpful background for spots of brilliant color provided by prints, flowers, books, etc. If the owner is a collector of small objets d'art—mirror backed étagères used to display trophies can be interestingly disposed along the walls.

Lights: Lacquered brass.

SULTANS AND GARDENS OF SPICE

(*Continued from page* 88)

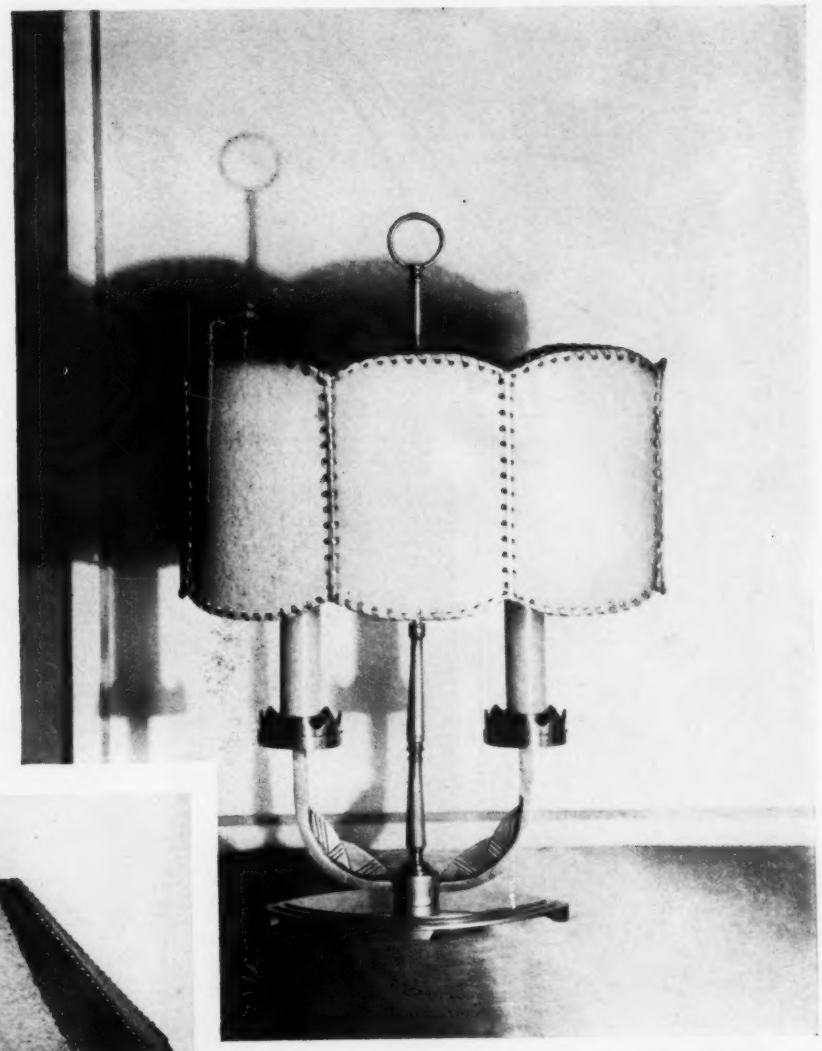
out everywhere. Perhaps that is why the Oriental has so long veiled the beauty of his women. Beauty is too sacred a thing to go out publicly into the sun. So, their houses make no pretence on the outside. Their walls have nothing to say. They might be the walls of prisons or warehouses. But once push open the doors of carven bronze, and what an enchanted revelation of marble courtyards, with their fluted white columns, figured tiles, and fountains throwing up their whispering spray into sunlit foliage, and sweet with the breath of flowering shrubs and filled with the peace of cooing pigeons! Algiers, like so many other Oriental cities, is proud of its gardens. Many of them ancient, planted and cared for by those Deys, who, while so incredibly savage and pitiless towards human beings, were so tender towards trees and flowers, and who, like a lover, "would not tread a cowslip on the head."

The Deys are gone forever, swept out of existence nearly a hundred years ago by those French arms to whom the world owes a debt of gratitude for having at last accomplished what other nations had striven in vain to do for three centuries. Thanks to them the "Barbary Pirates", whose chief hornet's nest was Algiers, and against whom England had sent fleet

(*Continued on page* 146)

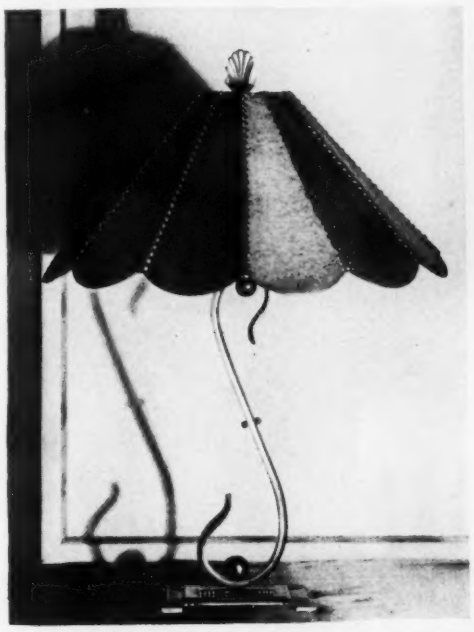
LAMPS BY CRUCET

302 • *The restful simplicity of its lines makes this Crucet Lamp, with its twin lights, an appropriate contribution to the modern home. It is finished in antique brass, and is 20 inches high.*

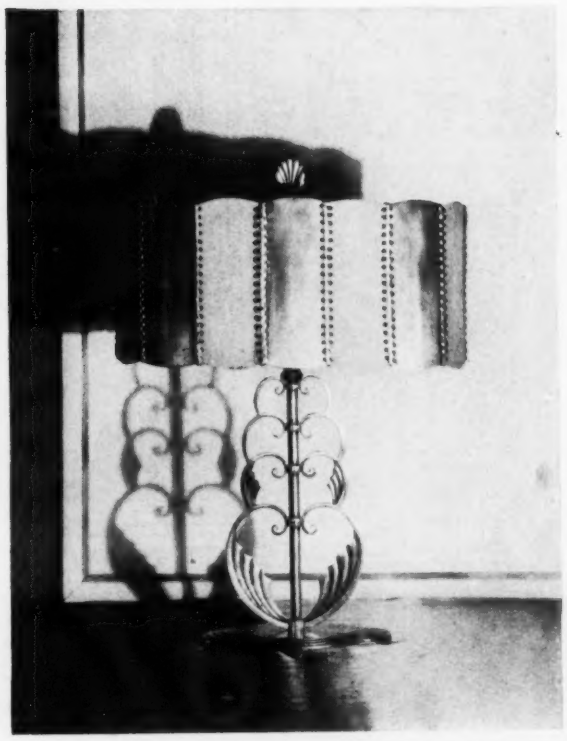


303 • *A modern Lamp, showing the pleasant influence of period design, supports two lights upon its wide sweeping curve. Of brushed steel and brass, 24 inches high.*

319 • *There are lovely colors in the base of this Lamp — antique rose-tone copper combined in striking beauty with black and steel. 21 inches high.*



313 • *In a single line of sheer beauty, this Crucet model, in brushed steel and brass, achieves rare, appealing individuality. Its shade has alternate panels of brushed steel. 25 inches high.*



312 • *Crucet makes this handsome Lamp of antique brass and steel, with a graceful standard springing from the base. The shade is new and unusual, set with alternate panels of antique brushed brass. 20½ inches high.*

For the home of today, there is new charm and beauty in the fresh, inspired designs of Crucet Lamps. They are executed in old brass, antique bronze, and combinations of brushed steel, brass and copper—highly decorative models to harmonize with all types of furnishings. Lamps by Crucet have distinguished simplicity; they are masterpieces of graceful line and proportion . . . priced most reasonably from Eighteen to Twenty-Four Dollars, complete with shades.

Crucet Lamps are displayed at all the better stores. Send for attractive Booklet H.

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Among these six

STERLING

Rich with the beauty of Spanish-Colonial design, GRANADO Table Silver lives on terms of intimacy with dining rooms done in the Spanish or Mediterranean manner. With long slender handles, straight lines, simple clean-cut surfaces, it conforms gracefully to the present-day ideal of modern beauty. There's an exquisite brochure, "The GRANADO—Heritage of El Dorado", that tells about this charming, new pattern, which will be gladly sent upon receipt of your request and twenty cents.

"Treasure" Solid Silver

STERLING 925/1000 FINE

x lovely G PATTERNS . . .

is one that will blend precisely with the decorative style you have chosen for your home . . . . . .

THE increasing vogue of "TREASURE" Solid Silver among discerning hostesses, young matrons and brides-to-be—notable as it is—is nevertheless to be expected. For good taste not only calls for lovely *Sterling* on the dining table, but that the design of the table silver be in keeping with the decorative spirit of the room as a whole.

Modern decoration demands of each room a complete, harmonious picture. Not in the sense that each piece of furniture, each accessory, must be of one particular period of design, but that the pieces assembled should be of related design and fitted to their surroundings.

And so in the most charming dining rooms to-day we note a predominating decorative spirit—perhaps quaint Early American, gorgeous Georgian, simple Spanish or Mediterranean, or Early English—rooms with a pervading atmosphere of restfulness, of graceful living . . . altogether delightful.

In such homes "TREASURE" Solid Silver, designed in the best accepted decorative styles, lends fresh interest and charm. For here is lovely *Sterling* of supreme artistry and museum-like authenticity, carrying out in its beautiful design the very decorative spirit of the dining room.

There is a "TREASURE" pattern that will fit in with the decorative scheme of *your* dining room, and add a wealth of beauty and character to its setting. Silver, that a hundred years from now will prove a tangible sign of your good taste and your love for worthwhile possessions, even to your great-great grandchildren.

Most good jewelers are prepared to show you "TREASURE" Solid Silver in its various styles, but should you desire to write us direct, telling us something of your choice of home decoration, we will gladly send you catalogues.

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The William and Mary Style and The Mary II

In dining rooms where the early English styles have been adopted, either of these patterns is smartly correct.

The Adam Style

For stately Georgian dining rooms, wherever the elegance and dignity of the late Colonial period finds expression.

The Early American Style
PLAIN OR ENGRAVED

For the dining room which expresses the friendly and delightful spirit of early American days—the Early American Pattern.

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GEORGE WHITE

"Less tire trouble than ever before"

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If there is a tire built that can give you greater safety of travel, they do not know about it. And their safety tests include non-skid effect, freedom from the puncture and blowout hazard, strength to resist stiff jolts and blows from stones and rough roads.

And the engineers who build Miller Tires are just as searching in their efforts toward improvement. They know of no better materials than those employed in the making of Miller Tires. No richer, broader experience than theirs is available to any tire manufacturer.

Thus it is—that Millers are able to justify, during a longer period of service, the confidence and enthusiastic praise of all who use them.

Thus also—that Millers are conceded, by those who have used them, to be among the *very* few *best* tires manufactured today.

The new Miller Deluxe 6-ply Balloon pictured below is a new super type tire for those who demand the utmost freedom from blow-outs and punctures. It is built to give extra long mileage and to withstand the roughest service.

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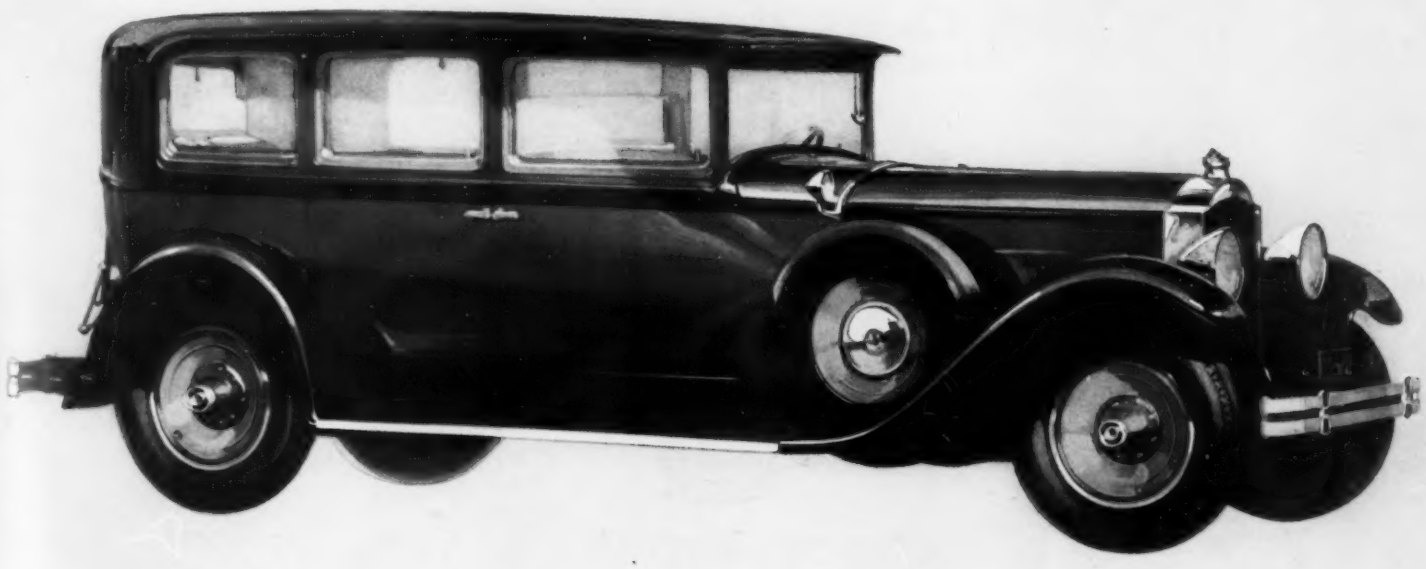
Reputation is the most treasured of all Packard assets. It is as jealously guarded, as carefully maintained, as was the undying flame of an ancient empire. For to Packard, reputation is not alone a reward, but a continuing responsibility.

Packard reputation is the result of thirty years of fixed intent—to build the finest of motor cars for a clientele which places quality before price. But the Packard management firmly believes that reputation is never completely earned—it is always being earned.

As a result Packard cars today are far in the forefront of the quality field—both in beauty and in engineering. And Packard holds its well-won reputation to be the strongest guarantee that that position of leadership will forever continue.

ASK THE MAN WHO OWNS ONE



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This is the $7 pen, in any one of seven different points to suit any purpose, any taste or hand-habit.

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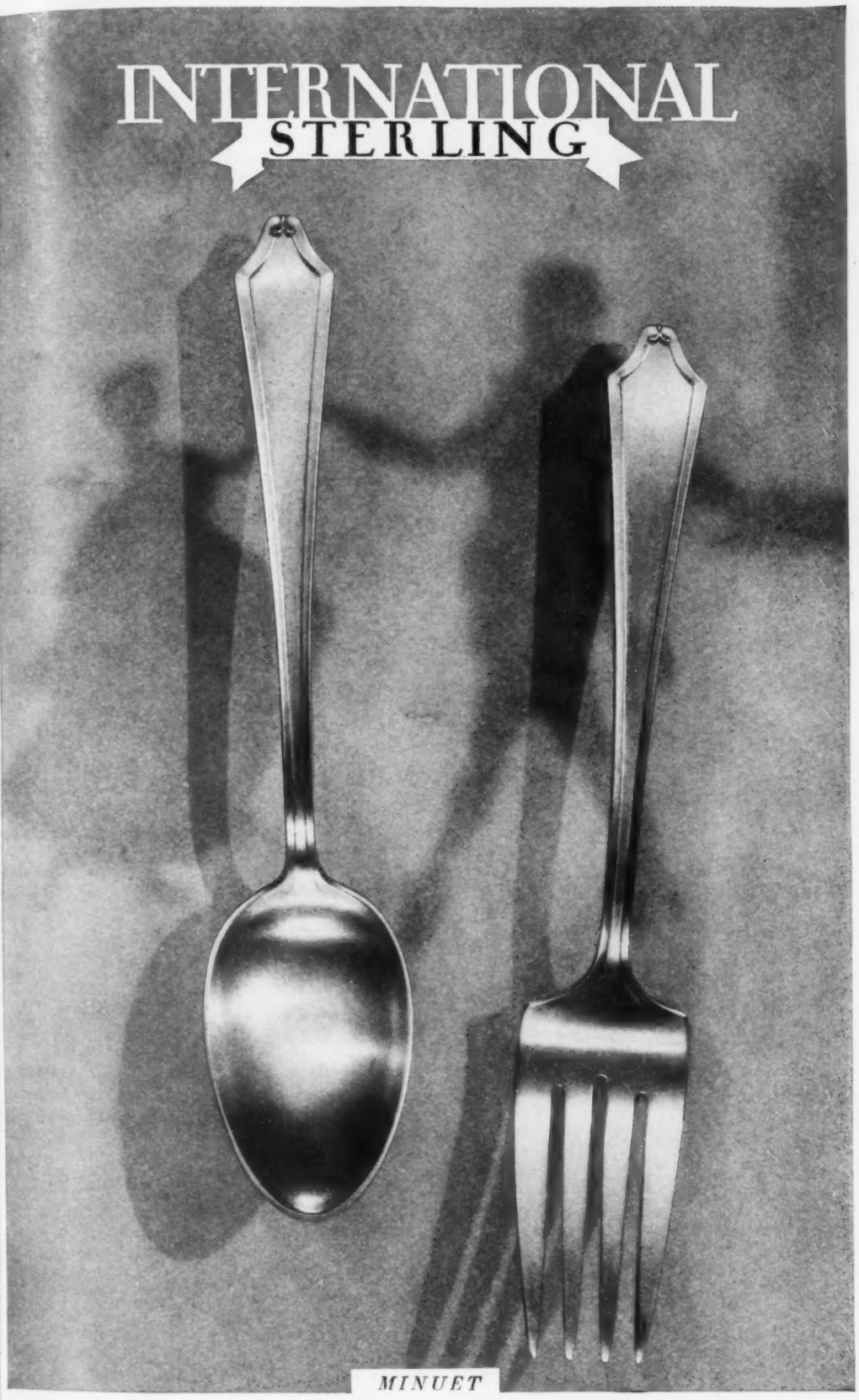
Two-Tone pens made in two sizes —large size $5, small size $4.

Use Waterman's Ink in Waterman's Pens

Waterman's



PICTURE EACH WITH YOUR HOME AS THE BACKGROUND. THEN CHOOSE!

FINE ARTS DIVISION INTERNATIONAL SILVER CO. MERIDEN, CONNECTICUT

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is so much more than solid silver

FOR, though solid silver—sterling—is of the same purity the world over, *design* is the variable quality. Design it is that makes one pattern more sought after than another.

And it is in that variable quality—design—that Minuet excels. The sheer beauty of its proportions, the chaste, quiet grace of its curves make it easily the best-known, the most popular sterling pattern of this decade.

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* * *

6 teaspoons in this gracious pattern are but $11. Or twenty-six pieces—an excellent foundation set—cost but $73.35. Matching hollow-ware—tea and dinner service—is to be had in Minuet, and in other International Sterling patterns.

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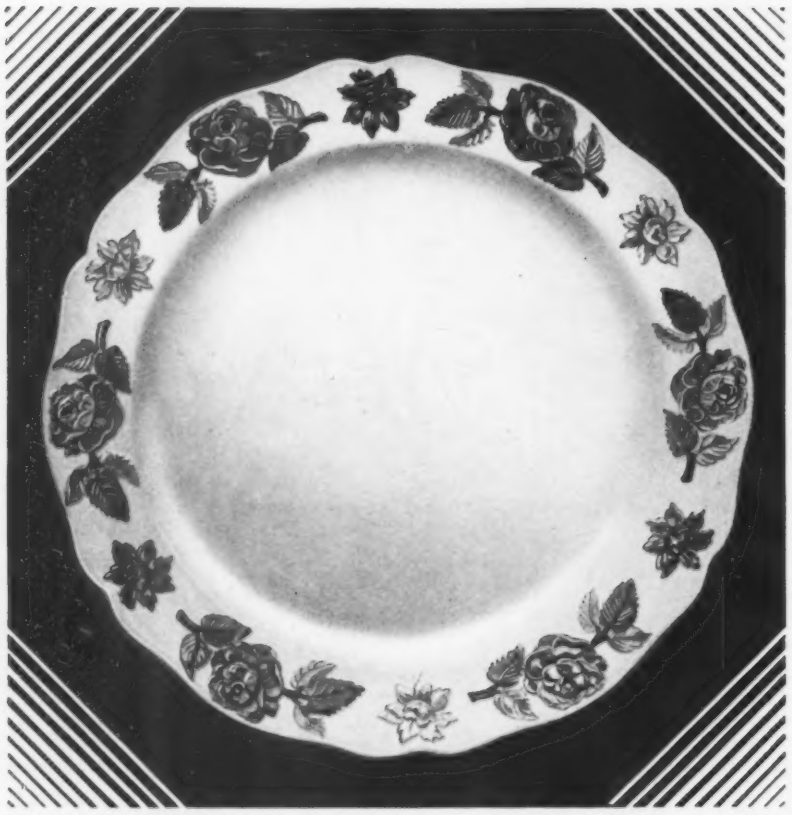
The First Virtue of a Gift~ *Exclusiveness*



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SULTANS AND GARDENS OF SPIC

(*Continued from page* 140)

after fleet to no purpose, are no more. But their old palaces and gardens remain, preserved with that care for such beautiful old things which the French so remarkably combine with their practicality in adapting what is valuable in the past to modern uses, destroying only what imperative present-day needs compel them to destroy.

THE GOVERNOR-GENERAL'S GARDEN

In one of the most extensive and beautiful of those old gardens stands what used to be the Summer Palace of the Deys, now the official residence of His Excellency, the governor-general of Algiers, through whose courtesy one day after luncheon, at which one was served by Arabs in their picturesque costumes, the doors being guarded by Spahis with drawn sabres, I was privileged "to walk like the Sultan of old in a garden of spice." This vast garden might be described as a park including many gardens, with its spacious lawns, and its gigantic Cypresses and Eucalyptus trees making broad canopies of shade, contrasted with the more luminous shadowy avenues of Palms and Bananas, and the little private chapels of green made by copses of Bamboo and Papyrus, where one usually finds a little fountain talking to itself, in a frame-work of Dutch tiles. Water indeed is everywhere, going on its errands of freshness along unseen tunnels, or sending up a misty spray through the hot afternoon, or gleaming among Lotuses and Water-lilies in little marble ponds. Everywhere, too, are pergolas over which are thrown mantles of Roses in such profusion and of so bright a gold that one might fancy them sprung from some buried treasure of an ancient Dey; everywhere lattices hung with the royal purple of the Bougainvillea, and pleached alleys of interwoven Oranges and Lemons, where fruit and blossom hang together among the polished leaves and spread their soft and sharp sweetness far and near. And among the many trees and shrubs that make their perfumed contributions to the Sultan's "Garden of Spice", are the Acacias, with their swaying clouds of gentle green foliage and white tassels of blossom, and the Oleander in mounds and domes of laurel-like leaves and great rose-colored flowers. On the borders of the garden wild vines and thorny underbrush have their way. It is one of the many charms of an Oriental garden that it combines wildness with formality, as though some old English gardener and the great French gardener Le Nôtre, he who made for himself the immortal monument of the Luxembourg gardens, had collaborated to marry the distinctive characters of both. Included, too, within this park surrounding the great Summer Palace is another small palace, which an enamoured Dey once built for one of his favorites, a lovely miniature with a little perfect "garden-close" of its own, and, just below her window, a tiny pond in a marble frame, where she could watch the gold and azure fishes playing under the floating leaves of the p and white Lotuses and hear the g tle rustle of the breeze among Papyrus reeds and the feathery ca

There are many other beauti gardens in Algiers, for it is stil city of gardens as of old, when broad stretch of it near the port, cluding another palace of the D —and the slave-market!—used to called El-Janina, that is "the G den". It is even more a city of g dens since it fortunately came i possession of its French rulers, a among public gardens one of the m beautiful is that surrounding t Musée (of Algerian antiquities) n known as the Parc de Galland, fr the name of that public-spirited c cial who appropriately bore the na of the first European discoverer a translator of "The Arabian Nigh our old friend, Antoine Galland, fore whose publication of *Les M et Une Nuits* (1704-1717) it strange to think no one in Fra or England knew the story of Alad with his new lamps for old, or A Baba with his forty thieves.

There is another garden in Algi the *Jardin d'Essai*, known learned horticulturists all over t world. Begun in 1832, the year af the French conquest, it is now of v extent, and contains probably t greatest variety of trees and flow from every land and climate, be found on earth. To wa through it, and the walk is lo might well, as a French writer h said, give one the illusion of a voya round the world. It is a sort *Bibliothèque Nationale* of foliage. the earth has flourished no leaf flower, however mysterious, fantas or exotic, which is not to be fou there duly preserved or classified. A for the reader of *Don Quixote* t garden has another interest, fo high up on the slopes above it, is st the cave in which Cervantes hid him self and his comrades during th several attempts at escape from the slavery which he organized with su skill and courage, and which all b succeeded, only failing through t treachery of confederates, who, it pleasantly recorded, found a deserv end impaled on stakes, or under t strokes of the bastinado.

EXOTIC PLEASURES

Wherever it is, "a garden is a lov some thing, God wot", as T. E Brown unforgettably wrote, an while, doubtless, our Anglo-Saxo hearts go out to those English American gardens of our childhoo with their old familiar trees an flowers, it may happen sometimes an in some cases that those gardens hav become so filled with memories whi ache the more the sweeter they ar that we are glad to walk in other ga dens whose trees and flowers we ha only seen in picture-books and whi have for us only the associations poetry and fairy-tales—

"For not to desire or admire, if a m
could learn it, were more
Than to walk all day like the Sulta
of old in a garden of spice."

©1929 N. Y. G.

NEW YORK GALLERIES, INC., *Decorators*

The architectural treatment of this interior provides a dignified background for the interesting pieces of furniture, creating an atmosphere befitting the formal exigencies of the dining-room.

New York Galleries
INCORPORATED
Madison Avenue, 48th and 49th Streets

CABINETMAKERS ~ DECORATORS ~ ANTIQUARIANS ~ ARCHITECTURAL REMODELING

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For such rooms as this gay little French boudoir a wealth of inspiration is revealed in the profusion of decorative ensembles at these Galleries . . . and for the more formal interiors as well, whatever the scheme in view.

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An interior suggesting the charm of XVIII Century furniture for informal rooms, where expression may be given to one's predilection for color and other details which impart a personal touch.

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We didn't know before what privacy really is....."

In Chicago

to **LOCK** *press the button*
to **UNLOCK** *turn the knob*

You don't know what real privacy is, until you've visited a home or apartment that's equipped with Schlage Locks. A quiet press of a button and the door's locked. As you turn the knob on leaving, the door's unlocked.

Isn't that great? No keys. A mere glance at the button—even across the room—shows if the door's locked.

Really, Schlage Locks are the most intriguing fitments you've ever seen. And they're in such stunning designs and finishes! In colors, too!

The surprising thing is that they're so simple in construction. An entirely new principle. Only a few parts,—all held together permanently. They stay put! So you're never annoyed by wobbly knobs and loose screws.

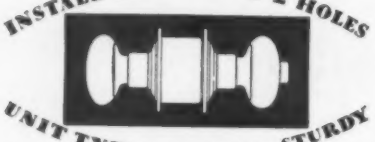
Be sure to include Schlage Locks in your new home. Millions are already in use. They cost less than any other high-class lock. Talk to your architect or contractor about them (say Slay-g).

SCHLAGE

THE NEW PRINCIPLE IN LOCKS

say Slay-g

INSTALL BY BORING 2 HOLES

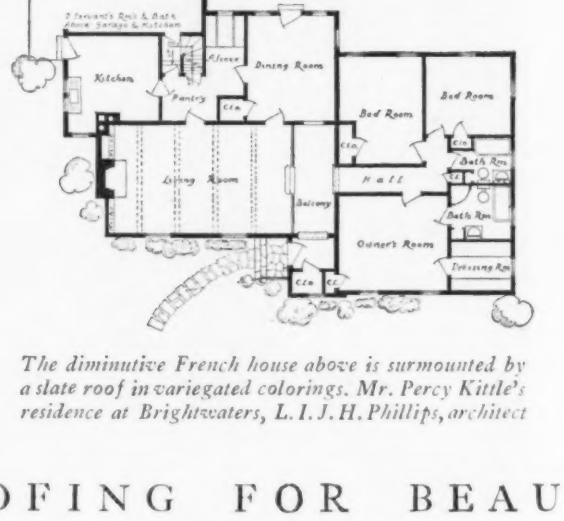


UNIT TYPE...SIMPLE...STURDY

SCHLAGE LOCK COMPANY, DEPT. 5, SAN FRANCISCO, CALIFORNIA

PLEASE MAIL BOOKLET ON SCHLAGE LOCKS—

*Name*_____ *Address*_____



The diminutive French house above is surmounted by a slate roof in variegated colorings. Mr. Percy Kittle's residence at Brightwaters, L. I. J. H. Phillips, architect

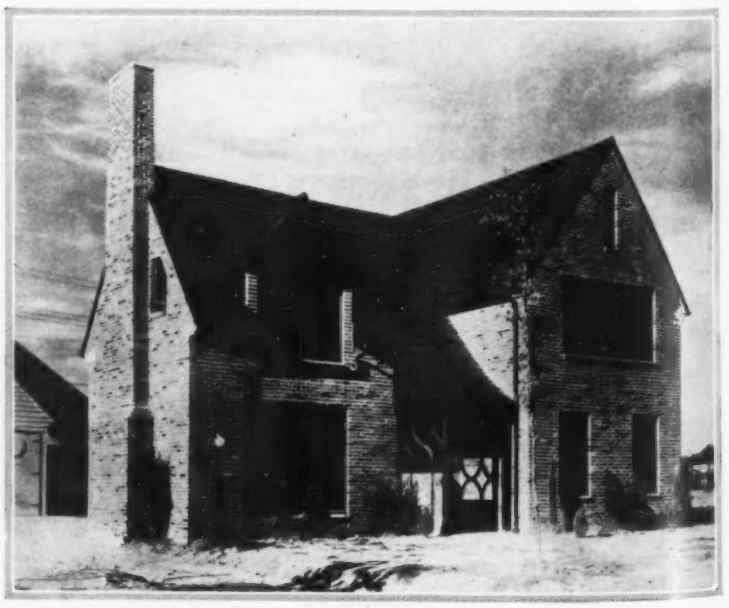
ROOFING FOR BEAUTY

(*Continued from page* 104)

thatch, which depended for its protective values upon its ability to shed water rather than prevent it from penetrating through the roof surface. The flat pitched roofs of Italy are the outgrowth of a climate which required less protection from heavy driving rains and the superior ability of clay tile to shed water at a lower angle or pitch than is necessary for other types of materials. In America the early Colonists found wood so plentiful that frame construction early became the rule, and masonry homes of brick or stone were only developed later on and in localities where these structural materials were easily obtainable.

Thus we find there is a definite relationship between architectural styles and the environment in which they evolved—this environment including also the availability of characteristic materials. With this thought in mind it is comparatively simple to select modern roofing materials appropriate to present day architectural styles.

(*Continued on page* 154)



Dark toned shingles laid in wavy lines give interesting texture to the roof of this house and contrast with the brick walls. The Robert Connell house, Houston, Texas. William Addison McElroy, architect

An exquisite GOTHIC TAPESTRY

FAITHFULLY REPRODUCED FROM A RARE PIECE IN THE Cathedral of SENS

"Whither thou goest, I will go; and where thou lodgest, I will lodge; thy people shall be my people, and thy God my God."

THUS, with infinite beauty, the Old Testament poetically pictures one of the most romantic of biblical episodes — Ruth's devotion to Naomi.

A charming moment in the lives of Ruth, Naomi and Orpah has been woven into this splendid hand-loomed tapestry. Reproducing all the naïve charm of the antique . . . it preserves the marvelous texture and mellow coloring of the original which hangs in the upper chamber of the Cathedral of Sens.

The richness and variety of color, the gracious rendering of figures, the lightly indicated landscape background . . . all are characteristics of the best French Gothic pieces of the early sixteenth century.

This exquisite tapestry is woven by hand, on hand looms, with richly colored yarns. A clever use of hatchings accents the play of light and shade, thus simulating the luxurious folds in the costumes—elaborately woven in soft reds, blues, and gray-greens, enriched by gleaming threads of silver and gold.

Once again, this panel illustrates the variety of distinguished tapestries to be found in the collection at F. Schumacher & Company.

Schumacher collections include beautiful fabrics for every decorative purpose and period. Reproductions and adaptations from the great periods of the past, as well as fabrics of modern design.

Your decorator, upholsterer, or the decorating service of your department store will be glad to obtain samples appropriate for your purpose.

"FABRICS—*the Key to Successful Decoration*"

This helpful booklet will be sent to you without charge upon request. It is planned to help the woman who wishes her home to be successfully decorated, but has not the time or the inclination to make a deep study of interior decoration.

F. Schumacher & Co., Dept. E-9, 60 W. 40th St., New York. Importers, Manufacturers and Distributors to the trade only of decorative drapery and upholstery fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, and Detroit.

The original of this fine Gothic tapestry dates back to the early sixteenth century—a period which shows the art of tapestry weaving at its highest perfection

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At Last a Really Fine Console at a Modest Price

Temple is all-electric, standard chassis—six 227 tubes—push pull amplification in last audio stage, using two new 245 power tubes—full-wave rectification. A power supply oversized in every respect in combination with the Temple Dynamic Speaker assures matchless tone for Temple Receivers. Consoled ready for use. The Temple 8-60 Console . . . $149; The Temple 8-80 Grand Console...$189 (less tubes). Temple Receivers are licensed by R. C. A. and Associated Companies.

Itemize the four great radio benefits Temple gives you . . . There is *magnificent tone,* undistorted at either high or low frequencies. There is *selectivity.* With the clean precision of a surgeon's scalpel, Temple slices through a crowd of stations to the one station you want. There is Temple's *distance range* . . . like the range of the Lone Eagle himself. And there is *beauty and dignity in design* . . . Guild craftsmanship in every detail of cabinet-work. • • • • • • • • • •

Put two and two together at the Temple price . . . a price made possible only by operating economy worthy of a Vermont ex-President. You can't find in all the radio world a combination to equal this.

Housed in beauty, the Temple Dynamic is the only Speaker with the adjustable hum eliminator feature. Separate table type speakers are available for those who do not own a Temple Receiver.

$39.00 *for the Dynamic Speaker*
$20.00 *for the Magnetic Speaker*

PRICES SLIGHTLY HIGHER WEST OF ROCKY MOUNTAINS.

TEMPLE NIGHTS

Every Saturday Night at 9:30 P.M.—Eastern Standard Time—Over Columbia Network.

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TEMPLE

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TEMPLE CORPORATION • CHICAGO, U. S. A.

"THE SWITCHBOARD OF A NATION"

Two smart NEW FABRICS *to enhance the beauty of your home*

No genie called forth from an Aladdin's lamp could supply a more beautiful setting nor more charming effect than that imparted by these two exclusive McLEAN creations.

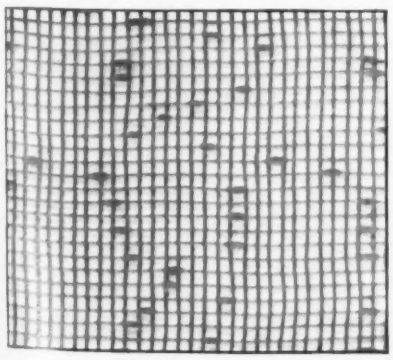
CHUNDA GAUZE expresses the modern note in curtains. With sunlight filtering through its sheerness, or, at night, reflecting the glow of evening lamps, it is as lovely as it is practical.

VICTOR JAIPUR, the new over-drapery fabric is equally beautiful. For the rich splendor of its colorful texture, it has deservedly won high recognition among discriminating home owners and decorators.

"Exquisite!"—you will say of CHUNDA GAUZE and VICTOR JAIPUR at first sight. And your enthusiasm, your fondness for them, will grow as time goes on. For they are liveable as well as lovely—their radiant beauty and fine quality endures. Both fabrics are 50 inches wide—available in many different colors—sun-fast, of course. Withal, they are inexpensive.

Ask your store or decorator about these and other distinctive drapery fabrics from the McLEAN looms. If you would like swatches, simply mail the coupon.

Chunda Gauze
FOR CURTAINS



Victor Jaipur
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ANDREW McLEAN COMPANY

12 EAST 22ND STREET, NEW YORK

Weavers to the American Public Since 1826

Andrew McLean Co., 12 East 22nd St., New York
Send me, without charge, swatches of CHUNDA GAUZE *and* VICTOR JAIPUR.

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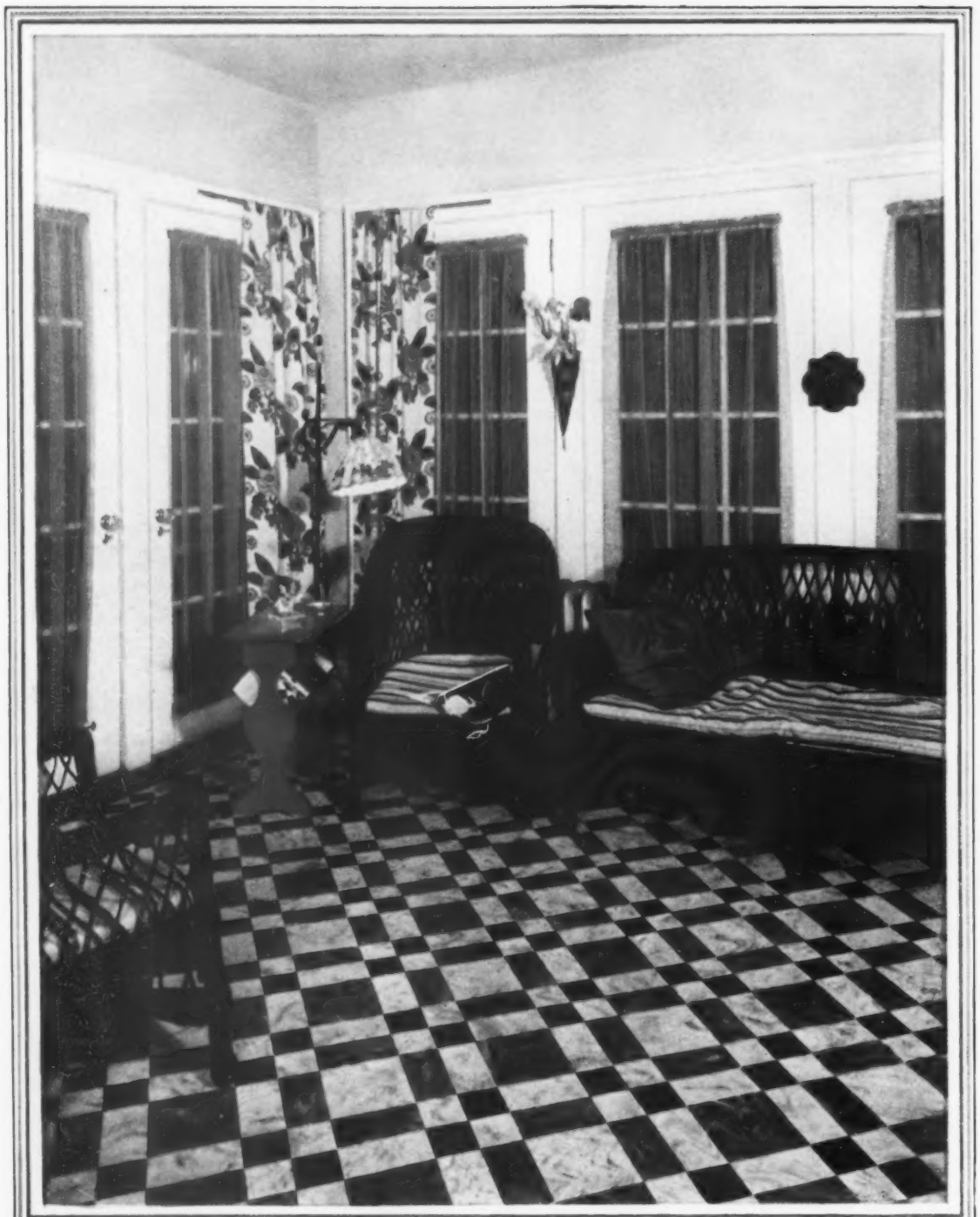
H&G 9-29

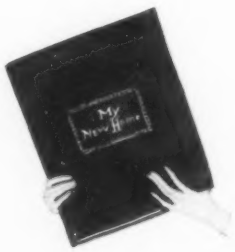


In the Princeton home of Mr. and Mrs. T. Hart Anderson, Jr.
W. & J. Sloane marble-tile linoleum pattern No. 550.

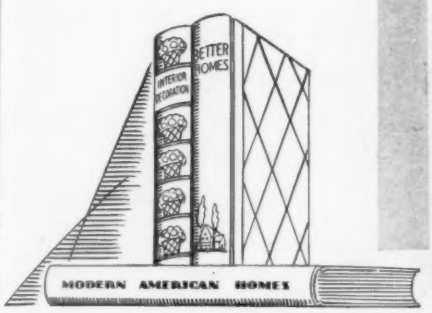
Sunrooms should glow with color even on bleak and sunless days. And smartly patterned linoleum helps them to. Sunrooms should have that hard-to-hurt comfort of the informal room that gets more than its share of informal living. Ashes, dripping glasses, earthy shoes fresh from garden or golf cannot disturb the vivid charm of compact, close-grained linoleums such as W. & J. Sloane makes to sell at moderate prices, through leading merchants everywhere. W. & J. Sloane Mfg. Co., Trenton, New Jersey.

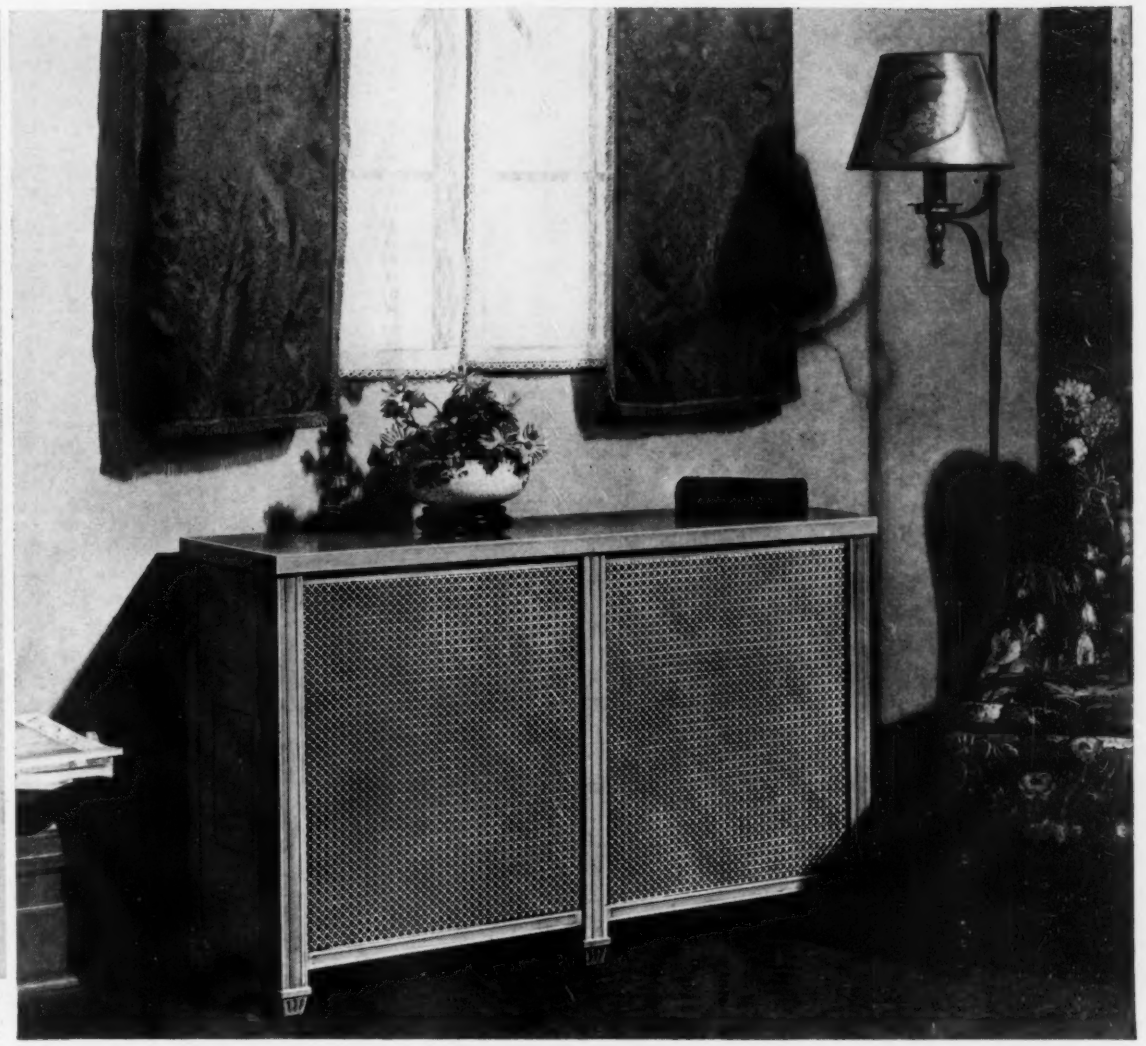
W. & J. SLOANE LINOLEUM

MODERN FLOORS OF AUTHENTIC DESIGN by SLOANE



Important: Keep your ideas for a home! W. & J. Sloane, Fifth Avenue Decorators, will send you a large scrapbook together with suggestions on interior decoration. The scrapbook is valued at $2.50, but it will be sent to home planners for $1.00. Address Clara Dudley, decorator, W. & J. Sloane, Box 522, Grand Central P. O., New York City.



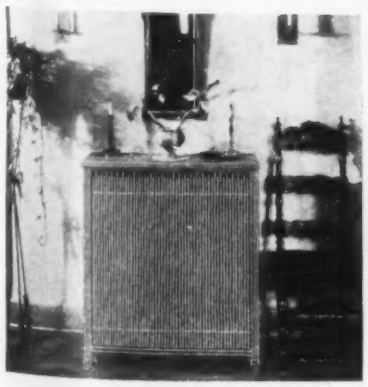


Surrey No. 61

First Aid

to Out-of-Date INTERIORS

Surrey No. 64



" . . . one of the worst offenses against good taste found in the American home of the 90's, and even up to 1925, were the glaringly prominent and exceptionally ugly radiators. Today well designed radiator enclosures not only conceal these atrocities but serve as truly decorative and useful pieces of furniture."

Designed and constructed by heating experts, Hart & Cooley radiator enclosures send efficiently humidified air out into the "living level" of the room. Because their insulated tops do not heat up, they are practical as tables or window seats. At the same time, these enclosures offer perfect protection to walls and hangings against sooty, clinging dirt.

Thanks to their bolted angle-iron construction, Hart & Cooley radiator enclosures are stronger than other covers—will not give under heavy weights. Especially made for your home from measurements taken by our factory-trained experts, you can depend on their perfect fit. Their rubber-tipped feet safeguard the finish of fine floors and prevent the slightest rattling. They are constructed of the finest furniture steel, and will not warp or split under extremes of temperature. They are made in a wide variety of designs—in sixteen beautiful colors and twelve natural wood grain effects. An interesting, well illustrated booklet gives you full details. Use the coupon below.

Mail This Coupon—TODAY!

THE HART & COOLEY MANUFACTURING CO. (J)
Hart & Hutchinson Co., Successor
NEW BRITAIN, CONN.

Gentlemen:

Please send me booklet illustrating your radiator enclosures and name of your nearest dealer.

Name.....

Address.....

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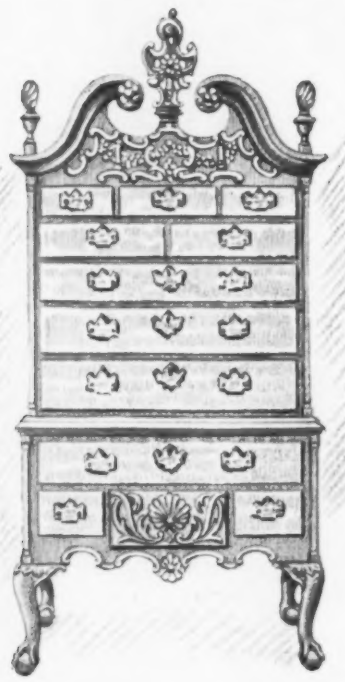

THE diligent quest for antiques and the almost priceless position which beautiful old pieces of authentic character occupy in America are quite ably visualized by the mahogany highboy sketched. It was designed and executed in Philadelphia during the last half of the Eighteenth Century and sold last season at auction in New York for $44,000. The worth of Antiques and their traditional merit are expertly discussed by The Sun to the end that the ever-growing contingent of collectors may be fortified with true and timely knowledge. The Antiques and Interior Decorations Section of The Sun, published every Saturday, proves tremendously interesting to those who buy as well as those who sell . . . and it might be said that readers of The Sun are among the most prolific purchasers of articles hallowed by time and association.

Antiques & Interior Decorations

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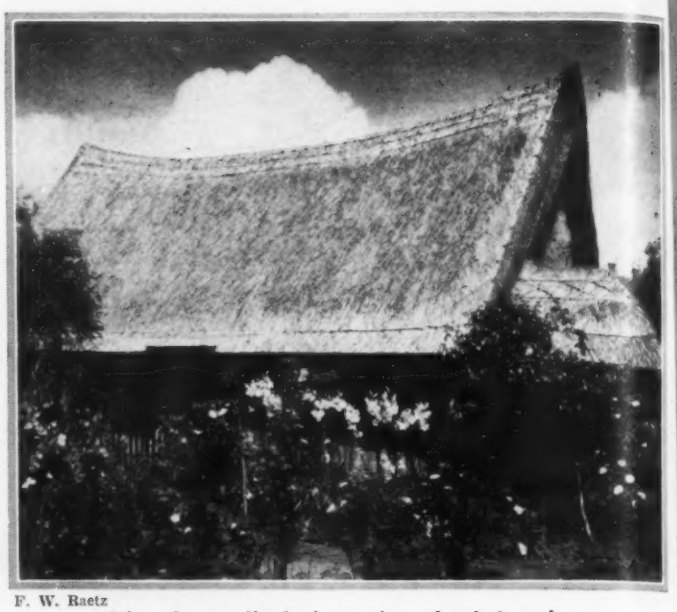

F. W. Raetz

Although exceedingly interesting, thatched roofs are very impractical. This is the town thatcher's cottage, Tempsford, England

ROOFING FOR BEAUT

(*Continued from page* 150)

Style is but one of the four cardinal points which are of interest to home builders when they are giving consideration to roofing materials. No longer do American architects confine themselves to pure stylistic treatments. They have learned to gather their inspirations from all corners of the world and from all ages; their own excellent sense of design and proportion enables them to evolve new conceptions in which may be harmoniously compounded motifs of similar character, though of widespread origin. There is always, however, some predominant characteristic which suggests, even to the untrained eye, a national or regional style which he can recognize, and he immediately associates with that style a roof treatment of corresponding character. Thus, though no attempt is made to create a replica of an English, a French, a Colonial, or a Mediterranean home, there must be a feeling that the character of t roof is at least consistent with t architectural theme of the rest of t building and its details; else there neither harmony nor beauty in t ensemble. Style is important; but w style there must be intrinsic beau durability and—especially in Ameri —sound economy.

Aside from thoughts of style, t real beauty of a roof is derived large from four things: its proportions, te ture, color, and scale. These are ma ters which, like style, fundamentall concern the architect. A discussion these elements of beauty, even wh limited to the roof alone, would nece sarily be too lengthy or complex find a place here. Owners recogni the qualities contributed to a succes ful house by trained architectura guidance. They know they can safel leave to their architect the creatio

(*Continued on page* 156)

A novel effect has been secured for the roof of this Tacoma, Washington house by laying more length of shingle to the weather than is usual. J. B. McGuire was the architect

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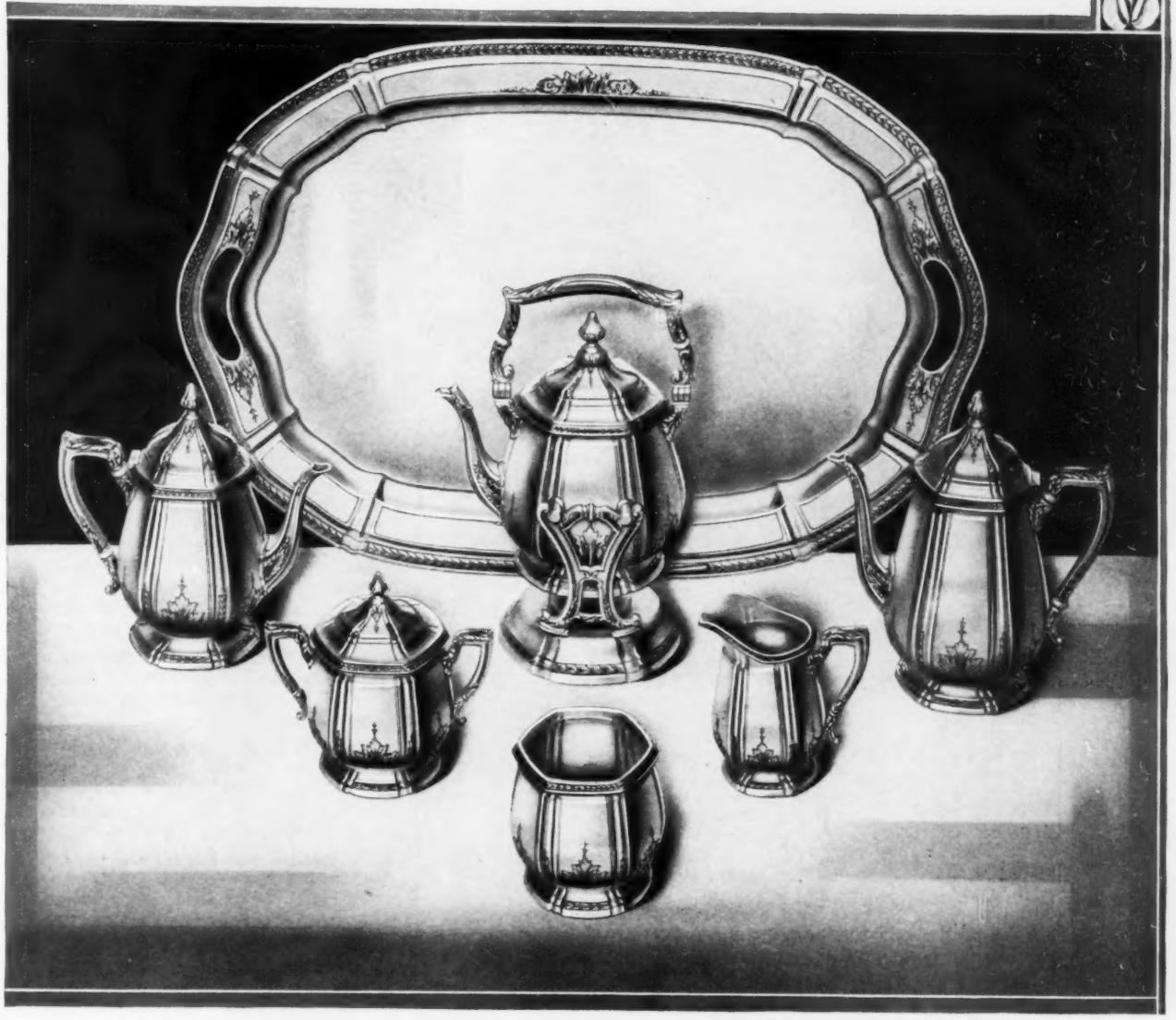
Announcing

STERLING SILVER SERVING PIECES IN THE LOVELY OXFORD DESIGN...!



Set of six

TEA SPOONS . .	$13.50
DESSERT FORKS .	22.50
DESSERT KNIVES	21.00

with stainless Mirrorstele blades, new French shape.

TRADE MARK
STERLING

No. 1025C—*Coffee Pot* . . .	$215.00	No. 1025C—*Cream Pitcher* .	$110.00
" *Tea Pot* . . .	200.00	" *Waste Bowl* . .	95.00
" *Sugar Bowl* . .	130.00	*5 Piece Tea Service, listed above*	750.00
No. 1025C—*Kettle*	$400.00	No. 1025C—*Waiter*	$550.00

YOU can now get sterling silver hollow ware *serving pieces* to match knives, forks, and spoons in the lovely Oxford design — graceful coffee sets, tea sets, candlesticks, meat dishes, water pitcher and other delightful requisites to complete the harmony of the table! . . . You will find that Reed & Barton designers have been as successful in adapting the Oxford motif to these new silver objects as to the regular flatware pieces brought out recently, and so enthusiastically welcomed . . . The unusual beauty of the Oxford design in sterling silver is enhanced by painstaking workmanship, substantial weight, and enduring value . . . It will be a source of pride and pleasure to you through a lifetime of service . . . Write for Oxford catalog. See this design at your jeweler's.

TAUNTON, MASS. . REED & BARTON . NEW YORK, N.Y.

REED & BARTON
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STERLING ESTABLISHED OVER 100 YEARS SILVER PLATE

Follow the Sun Across the World!

YOU'VE spent the summer in the usual places . . . Southampton, Newport, Maine. ✱ Choose a new setting for the winter! ✱ Join the advance guard of the smart international set in North Africa, the latest playground of the Mediterranean. ✱ Barbaric color, strange rhythms, gorgeous gardens, streets packed with exotic life, motor roads that skim you through the enchantment of Morocco, Algeria and Tunisia. ✱ Flit from one smart "Transat" hotel to another . . . 46 of them on the sparkling chain, Moorish palaces with chefs from France. ✱ Wander across a stage you share with Arab chiefs, henna-toed dancers and weird old sorcerers.

Weekly Express Service via "the longest gangplank in the world" to the *"France"*, the *"Paris"* or the *"Ile de France"* . . . New York to Plymouth, England, in FIVE days. ✱ French cuisine that isn't a phrase but a fact . . . a sophisticated crowd that takes caviar for granted and chic as a matter of course . . . then Le Havre and the three-hour boat-train for Paris . . . overnight to Marseilles and a French Liner that docks at Algiers twenty-four hours later.

If you'd rather not bother making individual arrangements, join one of the three Mediterranean-Moroccan Cruises of the "France", leaving New York, Jan. 11, Feb. 12 and Mar. 15.

French Line

Information from any authorized French Line Agent, or write direct to 19 State Street, New York City

ROOFING FOR BEAUTY

(*Continued from page* 154)

of beauty in the roof as well as in all other elements of their structure. They may not appreciate, however, the importance of giving their architect free rein on the selection of materials which will provide the most appropriate color, texture and scale in the roof. Even more important, they often overlook the fact that architectural guidance is just as desirable when re-roofing an old house as it is when constructing a new one.

CONCERNING DURABILITY

Owners are directly concerned with considerations of durability and sound economy. The roof of a house safeguards the entire structure and its contents. It represents more protection for each dollar invested than any other expenditure, even including insurance, which apparently costs so little. What happens if a roof leaks? The cost of restoring stained or fallen plaster, of redecorating soiled wall paper, of replacing rotted timbers or of refinishing an injured floor is usually far greater than the difference in the first between a well constructed, permanent roof and one of inferior quality and lower initial cost. Even the maintenance of a roof that requires periodic care is likely to mount up, over a period of years, to a total greater than the initial cost of a roof.

Roofing forever is a sound by-word for the home owner, even though it connotes the selection of a roof which will outlive the home and its owner. Roofing so well that the roof will last forever is usually sound economy and, after all, an investment in a home must be protected like an investment in a bond; it must pay dividends in comfort, satisfaction, security and market value, and it must enhance these dividends by eliminating subsequent expenses. These are all matters with which every owner is directly concerned. He needs to know something about the various roofing materials and their appropriate use to achieve his ends. He ought to be so well informed that he can discuss these matters with his architect and aid him through coöperation and support in designing and specifying a roof that will enhance his property values, eliminate subsequent trouble and expense, and give character to his dwelling as well.

Out of the past there have come down to us four types of roofing materials that are still used as they were by our forefathers, essentially unchanged in character. These four are slate or stone, clay tile, sheet metal, and wood. Of the older types of roofs, only thatch has totally disappeared, the result of its inadequacy, its fire hazard, and its inappropriateness to climatic conditions. Thatch, though beautiful in color, texture and form, never was a good roofing material. It must always be classed with a roofing of wattle and mud, or an Indian teepee. Its imitation today in other materials is generally an artistic error, not only because a genuine thatch roof lacks the essential qualities which belong to a modern home, but also because no material can successfully imitate its appearance, and an obvious imitation in architecture invariably defeats its own purpose.

Modern slate roofing has all of the charm, durability, color, texture, and protective value of the slates employed a century or two ago. Though now often manufactured by machine processes, it is a natural product unchanged in character, and modern producers have wisely developed all of the old forms and have made them available at what is probably a lower cost in relation to other items of living expense than they cost our forefathers. Quarries have been discovered where slates of various hues can be obtained, and these colors intelligently grouped in harmonious tones produce a variegated effect of exceptional charm. Slate has been used in every major architectural style and thus is appropriate to Colonial, English, French and even some types of Mediterranean work.

Stone roofs may be classed as slate roofs, as they are essentially the same thing, using very much thicker and heavier slabs. A great deal of variety and interest may be added to slate and stone roofs, not only by the use of intermingled colors, but by graduating the thickness and the exposure of the slates from the eave to the ridge, or by the irregular placing of large and small sizes all over the roof surface as though the workmen took the pieces nearest at hand, as they came from the quarry, and put them to use in the most effective manner.

TILE FOR ROOFS

Clay tile has an antiquity equal to that of brick and is the first man-made synthetic roofing material. It is produced in several forms, the commonest of which is the shingle tile, which has a flat surface and approximately square butts, and the Spanish or barrel tile which is roughly semi-cylindrical in shape and which is laid alternately with the convex and concave surfaces one over the edges of the other. The old shingle tiles were made by hand in flat moulds, like so many brick, and the barrel types were first formed by moulding the clay over the workman's thigh, giving a tapered end which fitted under the hollows of the next row. The modifications of these forms which were subsequently evolved little changed the decorative character of the material. Present-day manufacturing methods have actually given us a better tile than our ancestors knew, and even today hand-made forms are available which have all of the irregularity of shape and color of those made 200 years ago.

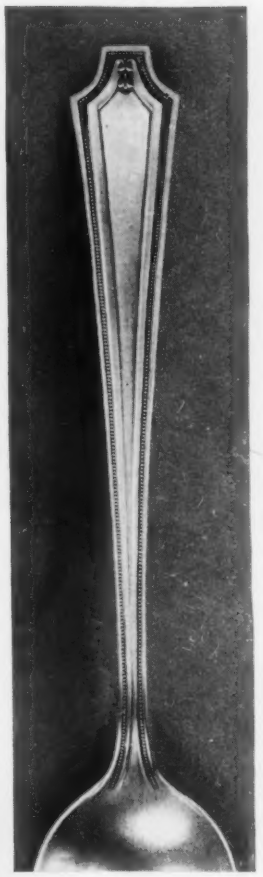
Tile roofs were used in all European countries, both of the basic forms being employed, though the shingle tile predominated in English work and the barrel tile in Mediterranean work. Germany is particularly noted for its red tile roofs, which are also found in France wherever native clays of suitable character were prevalent. Originally, clay tiles were produced in a wide range of colors, from soft yellows through light and dark reds to browns, grays, and even black. Occasionally there was a greenish tint,

(*Continued on page* 158)

One of this Year's Very Distinguished Brides

Mrs. John Hering OF PORTLAND

chose her wedding silver in the smart King Albert pattern



Six teaspoons in this graceful King Albert pattern of Mrs. Hering's choice may be had for $9.50.

Mrs. John Hering in her wedding gown of ivory satin, with veil of tulle and a cap of Alençon lace. Mrs. Hering's wedding in Trinity Episcopal Church was a brilliant event of the year.

SHE swims, dances, rides . . . she plays tennis and golf . . . she speaks several languages . . . drives her own car . . . plans charming interiors for her own home.

An altogether modern, somewhat amazing, completely adorable young American woman.

Lovely Mrs. John Hering, the former Miss Anita MacGregor, is one of America's most delightful young hostesses. Her home in Portland, Oregon, is a center of bright and gracious living. For beneath her gayety she maintains a constant concern for the pleasure of her friends, the perfection of her establishment.

To her selection of silver for her new home Mrs. Hering gave much study and thought—and her choice was Gorham Sterling in this graceful King Albert pattern. "To me," she says, "this King Albert pattern is the true aristocrat of patterns—distinctive in its simplicity and charming in design."

Gorham designs are the work of rarely gifted artists who share the creed of Michael Angelo that "trifles make perfection and perfection is no trifle." Each lovely Gorham piece bears the mark of their genius and infinite care.

Engraved goblets of rock crystal . . . a cloth of golden damask . . . and flat silver in the aristocratic King Albert pattern of Gorham Sterling! The silver Mrs. Hering has chosen is the perfect complement to such exquisite things as these.

Gorham Sterling can be purchased on convenient terms through the Sterling Silversmith's Guild Purchase Plan. Reliable jewelers will gladly explain to you the details of this plan.

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Address _____

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They make furniture moving so much easier

. . . *and* what a difference they *do* make in the life of carpets, linoleums, fine floors!

The new

"Drive-on" NoMars

the modern furniture rests

GONE! The tearing of carpets . . . gouging of linoleums . . . scratching of polished hardwood! Gone too, the ugly spotting of rugs where heavy furniture has stood.

NoMars . . . the new furniture rests . . . are ending the havoc that unguarded furniture legs once caused. They glide so smoothly—leaving never a trace of their passing. Their round-edged bases of unobtrusive brown spread the weight of heavy tables, divans, set pieces.

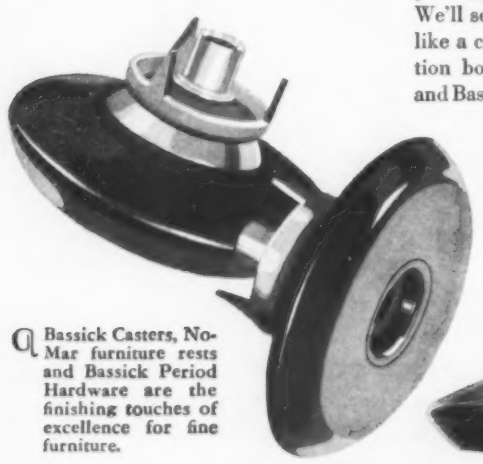
Here's welcome news

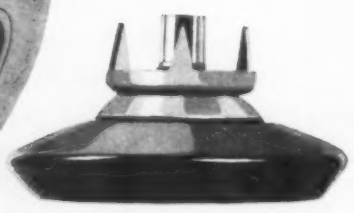
And now you can get NoMars for furniture not bored with holes for casters. "Drive-ons," they're called. They can be applied in a minute or so, . . . and once on they're on to stay,—unbreakable,—sure-footed,—a thing of beauty till the chair or sideboard is an heirloom.

Do try them

Get a few sets. See what a difference they make, in the preservation of floors,—in lightening housework. For a trifling cost you can make the test, . . . a cost that will be many times repaid in the saving of rugs, linoleums, hardwood.

Stop at your nearest dealer and ask for NoMars. (Say *"Drive-on"* NoMars if your furniture hasn't caster socket-holes.) If you can't get them nearby, let us know. We'll see that you are supplied. If you'd like a copy of the helpful Floor Protection booklet, that tells about NoMars and Bassick Casters, just clip the coupon and send it. One way or another, do prove to yourself what a difference NoMars make.





Bassick Casters, No-Mar furniture rests and Bassick Period Hardware are the finishing touches of excellence for fine furniture.

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Bridgeport, Conn.

Drive-on NoMars are packed 4 to a set with the handy driving tool included in each set.

The sizes and prices are:

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ROOFING FOR BEAUTY

(*Continued from page* 156)

but this more often came through weathering. Today manufacturers have beaten nature at her own game and not only produce the original colors, but produce tones which formerly only years of exposure could add to the raw tile as it came from the kiln.

An experienced roofing expert recently had occasion to write a letter of instructions to a builder who was having trouble getting a desired effect with modern tile. With but slight modification, this letter is quoted because it contains thoughts which every home owner should find helpful.

MODERN SHINGLE TILES

"These shingle tiles are made up in duplication of old English shingle tiles that have seen about 100 years of weather. Our purpose is to produce an English shingle tile roof that was originally run-of-the-kiln, soft and hard-burned, red shingle tiles. We are duplicating a tile that many years ago was made by hand, handled roughly, stacked awkwardly in the crude kilns of that period, and burned unscientifically. The tiles as they came from the kilns in England were more or less porous, depending upon in what part of the kiln they were located. In those days the roofers took the tiles as they came at hand and applied them to the roof. Not having any large stock to choose from, they were compelled to use all of the tiles, twisted and misshapen ones, and those which were underburned.

"The porosity of the tiles invited and took in deposits of foreign matter of every nature that might be flying around and settling on the roof. Storms, winter frosts, sliding snow and ice in the changing seasons, and time completed the aging process, roughened the face textures, and darkened and stained the tiles.

"The natural wash downwards antiqued the whole roof field with a proportionate increase in color, according to the length of the rafter. Nevertheless, this increase was not uniformly gradual, for there might be a group of tiles from the crown of the kiln that were burned a shade harder than the general run and these hard tiles might resist aging and the darkening effect of time and smudge, and stand out plainly anywhere from the half-way mark to the ridge line. However, there would never be one or two of these reddish tiles shining out boldly alone in the roof field, giving a spotted effect which is unnatural and could not possibly have occurred in the antiquing process of a shingle tile roof that had once been all natural clay reds.

"The prevalence of lighter shades along the ridge is a natural effect because the driving of storms would wash these clean and they would show but little effect of foreign deposits. The antique greens which we produce imitate the result of vegetable matter settling upon and becoming an integral part of some of the softer tiles. Naturally, they would occur more frequently on a roof exposed to the north and hence should be so used today. The grays are simply a duplication of blue and gray mold, and these also should occur largely on northern exposures. Thus, to get with modern products the charm of an old roof the colors should be used with some discrimination and without any apparent attempt to assemble the shades, except that the darkest blacks, burgundies, greens, and grays should all be melded into the field below the half-way mark, with the deepest tones predominating along the eave line and the lighter shades near the ridge."

These thoughts apply equally to the development of slate roofs and of those employing all of the modern synthetic materials which resemble, in their finished appearance, a roof that has been weathering naturally for generations.

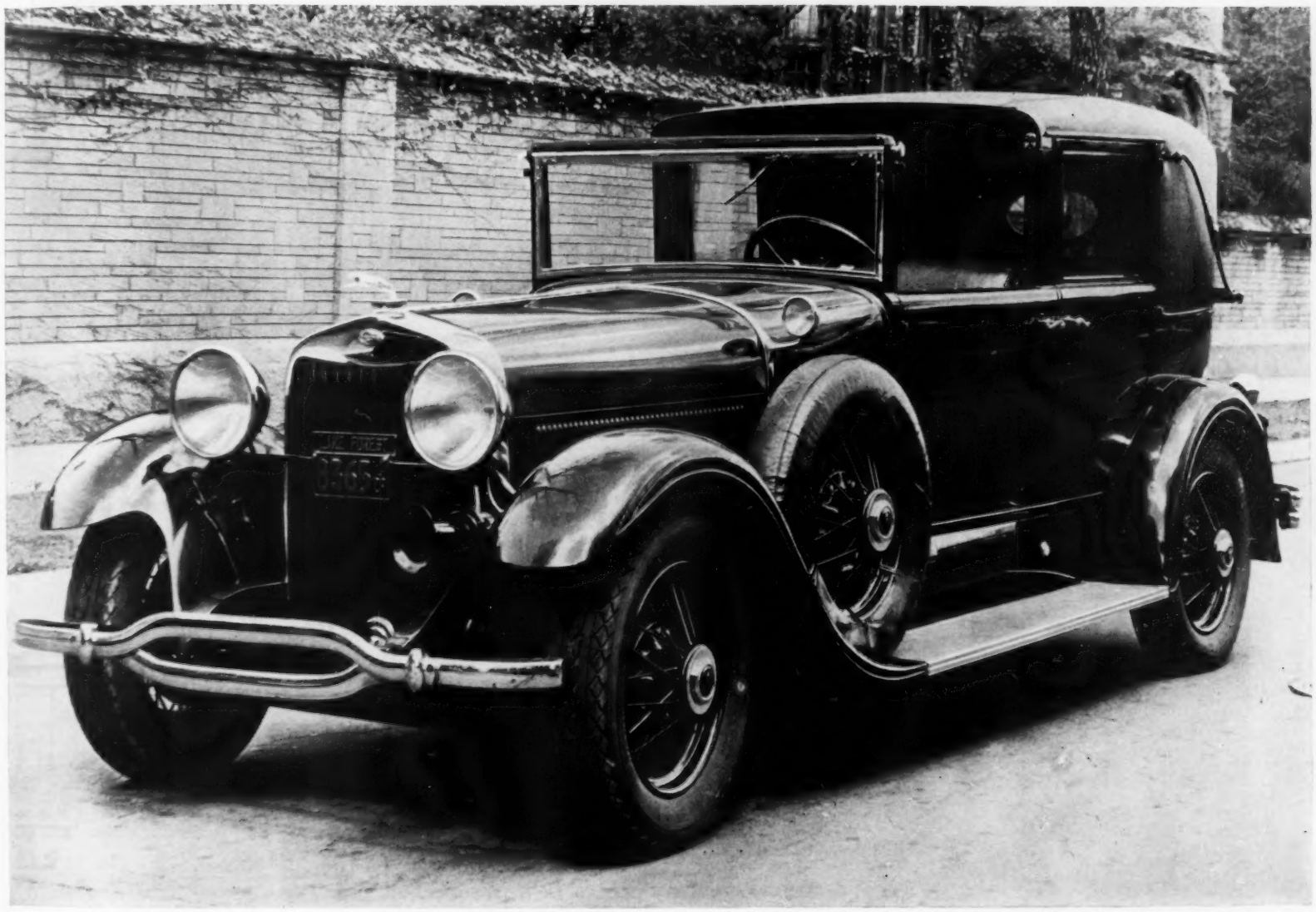
Wood shingles may be classified as a characteristically American roofing, because only in this country has wood been sufficiently plentiful to warrant its use in the form of shingles in preference to other materials. The well made wood shingle roof has an appeal that makes it widely adaptable to almost every architectural style, even though other types of roof surface have better historical precedent. Perhaps this has come about through improvements introduced by modern science, which has given to wood greater durability than it ever formerly possessed, and has added color. Wood shingle roofs are always correct on houses of Colonial or Early American inspiration, for it was on such houses that they found their greatest utility and most common application. The early shingles were hand-riven, thick, and of somewhat rough texture, usually with slightly irregular butts where the logs were sawed carelessly. Until a few years ago, machine methods applied to the production of wood shingles and introduced a uniformity which gave a distinctive and not unpleasing character to the roof, but which was somewhat different in scale and texture from earlier prototypes. Today machine processes reproduce the hand-riven effect with remarkable fidelity and have restored to the home owner the opportunity for reproducing older styles at low cost. Along with these changes have come preservative materials which have more than offset the gradual depreciation in the quality of woods available for the manufacturer of wood shingles. These preservatives have added color in a wide variety, enabling the production of solid color roofs resembling green or red tiles or slates, or variegated tones which can be handled in the manner described by the tile manufacturer to reproduce antique weathered effects.

ROOFS OF METAL

Metal roofing must be classified along with those that have been described as belonging to older generations. Lead, copper, zinc, and sheet iron have been used in England, on the Continent and in this country for many years. They are characteristic of the early Renaissance buildings, inspired by Classic precedents, where the roof itself was subordinated to a

(*Continued on page* 162)

THE LINCOLN
IS AN UNUSUALLY SAFE MOTOR CAR



A Le Baron Cabriolet, the property of Edson White, Esq., of Chicago. Mr. White is President of Armour and Company

SAFETY is, and always must be, one of the first considerations in any motor car. It is one of the fundamental principles of Lincoln policy.

Safety in a motor car depends upon a number of things. First, there must be strength . . . strength to resist not only the ordinary strains of motoring, but any sudden shocks. The brakes, obviously, must be dependable, swift-acting and powerful. The glass must be shatter-proof. Acceleration must be fast. . . . And finally, there should be a subtle balance, a sureness of tread, which keeps the car on its feet and holds it to the road.

Among engineers, the strength of Lincoln construction is proverbial. The steel chassis frame is strong and heavy, and it is hot-riveted throughout. And in Lincoln bodies the same strength is in evidence. Beneath the luxurious coachwork they are everywhere firmly reinforced. They are proof against virtually any contingency.

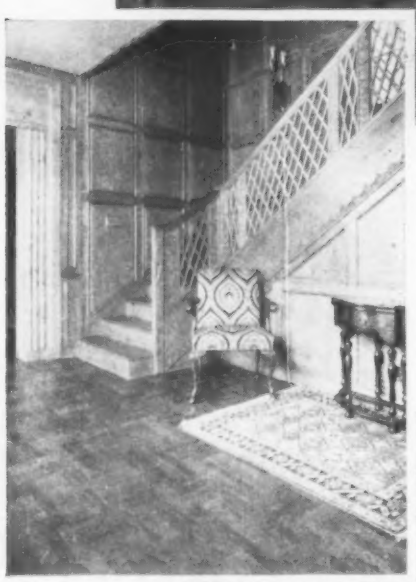
The Lincoln six-brake system gives positive control of the car. The foot brakes (internal expanding) operate on all four wheels, and the momentum of the car serves in part to apply them, so that they need very little foot pressure. The hand brake is internal expanding on the rear wheels. All six brakes are fully enclosed and protected from dirt and moisture. You can always be sure of your brakes, in a Lincoln.

Shatter-proof glass, of course, is used throughout. And as for riding qualities, the hydraulic shock absorbers, the torque tube drive, the magnificent spring suspension, and the perfect balance of the whole car make it not only safe, but profoundly comfortable and luxurious.

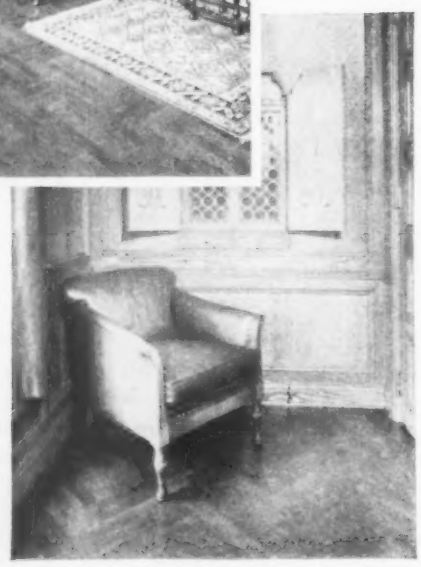
Safety, sincerity, beauty . . . these beyond all others, are the attributes of the Lincoln . . . "as nearly perfect a motor car as it is possible to produce."

THE LINCOLN

Reflecting the Culture of the Home



Basket Weave Pattern (above)



Herringbone Pattern (right)

Interior views Doddington House built by the Doddington Company, Columbus, Ohio, for use of local architects and prospective home builders. Miller and Reeves, Architects. Ritter Parquetry Flooring used. Herringbone Pattern (above)

THE selection of correct oak flooring is as important as the choice of furniture and drapes. For today our rugs are relatively small. We place them with discrimination -- sparingly. We have discovered the charm of oak flooring.

Many people, however, do not realize that certain brands of oak are more beautiful, more distinctive than others. There is the same difference in the quality of oak flooring as there is in the quality of rugs. Ritter Appalachian Oak Flooring reflects its excellent quality in a grain of surpassing beauty . . . a texture velvet-like in appearance!

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WALL PAPER stylish as frocks designed by famous couturiers need cost no more than stodgy commonplaces reminiscent of yesteryear! For example, Thibaut's "Lattice No. 8," which so fashionably complements the charm of the simple interior above. The price of this lovely paper is — not four or five dollars — but $1.35 the single roll! This chic creation is one of that most talked-of group, the Thibaut "Designs of Today." Like every paper in that smart collection "Lattice No. 8" is lightproof. It will not, cannot fade! No doubt your decorator has "Designs of Today" — quality establishments in leading cities are showing them now. But if you find it difficult to procure Thibaut Wall Papers in your city, we'll gladly send you specimen cuttings free of charge. Please mention the colors you prefer. We'll send also Mr. Thibaut's little brochure, "Wall Paper Designs of Today." Address: Richard E. Thibaut, Incorporated, 24 West 40th Street, New York City.

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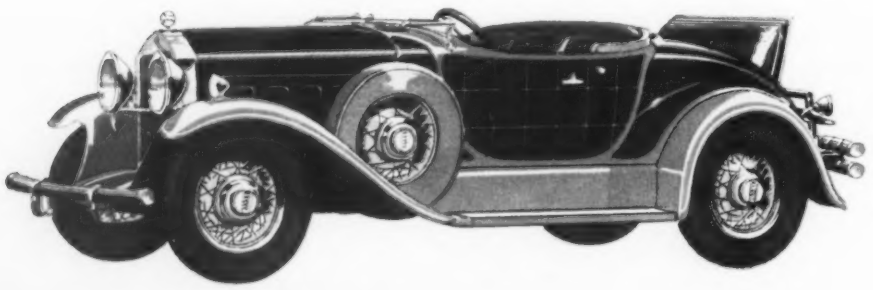
AMONG THE FINEST CARS

THE new Willys-Knight Great Six is the finest achievement of Willys-Overland's long years of experience and progress in building quality automobiles. Low, graceful lines are beautifully expressive of new and advanced tendencies in design. Perfect symmetry and proportion obtain throughout, from the aristocratic hood to the smartly tailored back. The distinctive color combinations, rich in tone and harmoniously blended, are instantly appealing and lastingly attractive. Willys-Overland, Inc.,
Toledo, Ohio. Willys-Overland Sales Co., Ltd., Toronto, Canada.

Willys-Knight

GREAT SIX



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Six wire wheels and trunk rack standard equipment. Prices f. o. b. Toledo, Ohio, and specifications subject to change without notice.

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Your radio and your home

—now they just suit each other!

THE DAY of limited choice in cabinet radio is past. Atwater Kent has found a way of letting you select a cabinet just as you select other choice pieces of furniture for your home.

First, you decide (as so many others are doing) that your radio must be an Atwater Kent Screen-Grid. This settles the question of performance. Then you make up your mind what sort of cabinet will be appropriate for *your* home—and what price you wish to pay.

This new option in selecting beautiful radio cabinets is yours because not one or two, but *many*, of America's finest makers of furniture, each building to his own design, are making cabinets expressly for Atwater Kent Screen-Grid Radio. Each cabinet is worthy of the set it encloses—and of your home.

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is the most wonderful thing I have ever used . . . I have seen city gas stoves that were not nearly as nice as mine"

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Pyrofax is a *genuine gas* made from natural gas, stored in steel cylinders and delivered by a national service organization. Two cylinders are kept outside your house in a neat steel cabinet—one is in service, the other is a reserve. Each contains two to three months' gas supply for the average family.

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Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced.

Return the coupon and we will send you some interesting information about Pyrofax.

CONVENIENT TERMS

A small down payment enables you to start cooking with gas at once. Spread the balance over a full year, if you like.

AS LITTLE AS $37.50 *DOWN*

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Detroit—General Motors Building
St. Louis—4228 Forrest Park Blvd.
San Francisco—114 Sansome Street
Minneapolis—422 Washington Avenue North
Toronto, Canada—92 Adelaide Street West

ROOFING FOR BEAUTY

(*Continued from page* 158)

low pitched form partially concealed behind parapets and classic pediments. The sheet metal is usually laid with the seams standing in ridges to keep the joints away from surface water, a construction which has a beauty and character all its own.

Today these metals are available in many types of roofing. They are used in the sheet form or pressed in moulds to resemble the appearance of tiles or slates. The old style tin roofing has been improved by the introduction of alloy steel sheets and pure iron, which resist corrosion and require less protection by frequent painting than was formerly necessary. The pressed metal forms must be used with exceeding care, because many of them are frankly imitations and clearly reveal their character.

For flat roof decks the sheet metals may be employed if they are not to be walked upon, but otherwise one of the most satisfactory materials is canvas thoroughly painted with waterproof deck paint. Occasionally, in houses of more importance, an open terrace or second story porch may be paved with slate tile, quarry tile, or similar materials imbedded in waterproof mastic compounds over a concrete slab.

What vast advances have been made in modern roofing materials! Where our forefathers had but four or five materials from which to choose, today we have many hundreds. Only a few of the basic types can be mentioned, but it is important to note that these new materials have contributed much economic value because they have proved their durability and economy and have made possible new roofing effects which, though inspired by older types, have a character distinctly their own.

VARIOUS NEW MATERIALS

Probably the first of the new materials was the asphalt shingle, which in itself evolved out of the so-called paper roll roofing made of felt impregnated with asphalt or pitch. Through subsequent improvements in manufacturing methods and the materials employed, they have achieved a high state of perfection and now vie with all of their competitors in permanence, beauty, and low cost. They made possible re-roofing over old wood shingles and thus earned their place as important replacement material, but since then they have advanced to the point where they must be recognized as well suited for new construction of good quality. They, too, come in many colors and in variegated shades, as well as in a variety of thicknesses and shapes.

Another modern product is the cement tile, which needs little mention beyond the statement that it is produced in the shapes and colors of clay tiles and to serve the same purposes.

Cement also made possible the asbestos shingle, which is compounded of these mineral fibres and portland cement, with color pigments in an infinite variety. Hard, strong, durable, fireproof and available in a variety of textures and shades, they compete today not only with wood shingles but with slate and tile. Since they have a character similar to these older materials, they are appropriately used in their place, and colors should be selected and blended with the same care that must be exercised to reproduce an harmonious and natural effect with modern tile or slate.

A very recent introduction is lead covered iron in the form of shingles and tiles, which gives all of the beauty and permanence of old lead roofs together with the lightness of ordinary shingle. Another advance is the production of copper covered asphalt shingles, and others include the development of rubber compounds and even glass (in tile form) for roofing purposes.

Perhaps it is not recognized that each of these materials is made in a fairly wide range of qualities and types, and that each in its better grades has the requisite permanence and protective qualities for modern home construction. In the last analysis, roofing materials may be chosen for their architectural effect with assurance of satisfaction, provided the owner and his architect will take care to select the better grades.

INSULATION AND ACCESSORIES

No discussion of roofing is complete without mention of roof insulation as well as of the necessary accessories to the complete roof, including the all-important flashings, gutters, downspouts, and their decorative appurtenances. Scientists have long known that something over 60% of the heat generated within a home passes out of the building through the roof. With mounting costs for fuel and for heating systems, and with the introduction of low cost and effective insulating materials, it has become important to stop this loss. The most effective way of cutting down fuel bills at minimum expense is to thoroughly insulate the roof, or, if the attic is unused, to insulate the ceiling of the upper floor. Many materials are available for this purpose, and almost any of them may be used to good effect, selecting for the purpose those which are most easily applied under prevailing conditions. The principal thing which the owner should bear in mind is that insulating value is proportionate to the thickness of the blanket and that an inch of insulation is vastly better than a single layer a half inch thick.

The final, but by no means the least important consideration which makes for a perfect and long lasting roof, is the selection and installation of proper materials for flashings, gutters, downspouts, and drains. The purpose of these flashings is to prevent water from working under shingles or tiles. Hence they are particularly necessary in the valleys of sloping roofs, over the ridges and at the ridge lines. Snow and ice may collect at these points, and as they melt the water may seep beneath the roof surface and thus enter the building. Copper, zinc, lead, and the higher grades of tin, sheet iron, and alloy steel are employed for the purpose, the first three having the greatest durability, while the latter

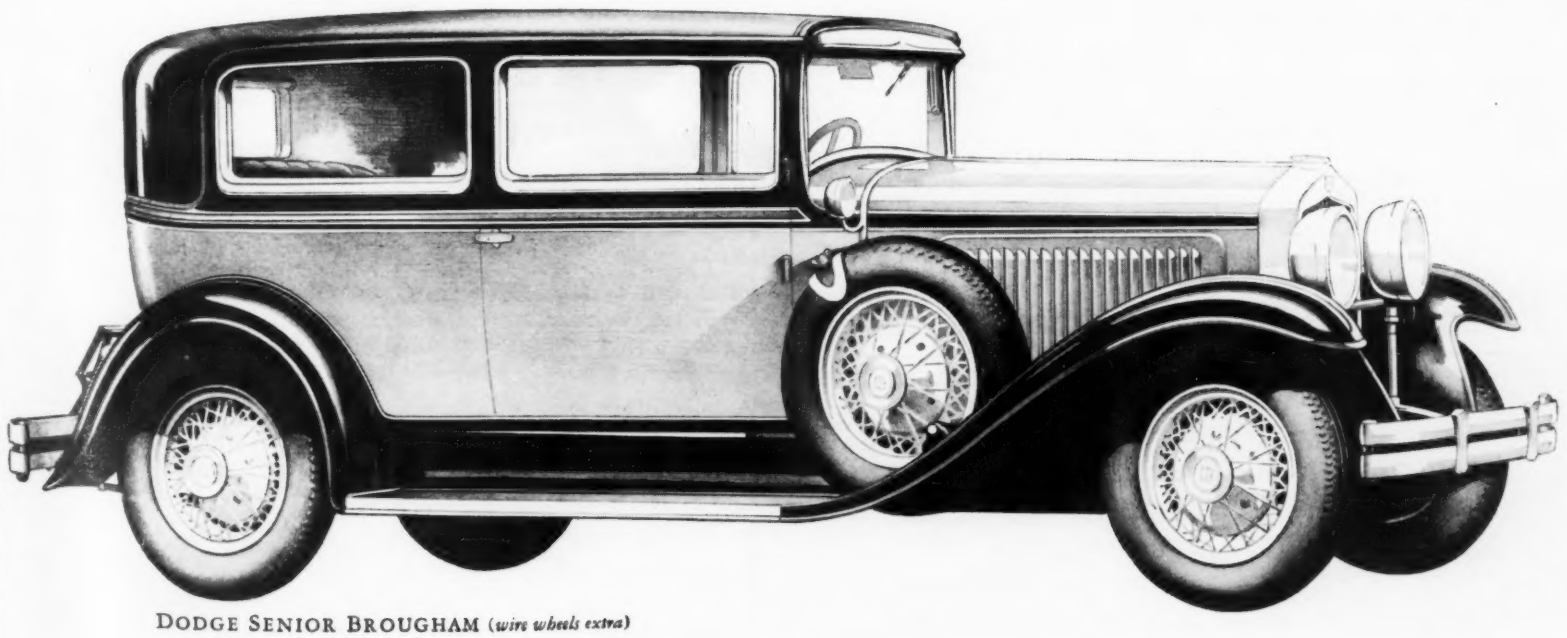
(*Continued on page* 164)

An outstanding triumph of a pre-eminent firm

JUDGING by its appearance, you would instantly classify the Dodge Senior as a car selling for well over $2,000. Careful inspection of its appointments sustains this first impression and behind the wheel its sparkling performance serves to strengthen the belief that no car selling for less than $2,000 could possibly offer so much in comfort, in luxurious motoring ease and road mastery. Yet the unique facilities of Dodge Brothers, fortified by the well-nigh unlimited resources of Chrysler Motors, make it possible to produce this marvelous car to sell in the $1,500 class. The Dodge Senior is undeniably one of the greatest manufacturing triumphs just as it is one of the most impressive values of all automotive history. Three or four-speed transmission. Convenient Terms.

DODGE BROTHERS SENIOR

CHRYSLER MOTORS PRODUCT



DODGE SENIOR BROUGHAM (*wire wheels extra*)

Here's that *new* and improved Tontine Washable Window Shade *recently developed by du Pont*

Accept test shade for your home . . . note coupon

THE du Pont laboratories have developed a new and greatly improved Tontine washable window shade. A shade widely different from any other you have ever known.

It presents advantages in beauty, durability and washability heretofore unknown. Introduced only a short time ago, it has already supplanted old-type shades in thousands of homes and buildings throughout the country.

Use coupon below for test shade. Find out what this new du Pont development means to you.

Lovely New Smoothness
Heavier Weight—Greater Washability

Due to a *new* finish, this new *Tontine* is much smoother than before. Thus it is far more beautiful, far easier to keep clean; *for dust and dirt do not cling.*

Because the basic fabric is impregnated with a new maximum quantity of *pyroxylin*, one of the most effective water and wear resisting finishes known to science, it is far heavier in weight which makes for greater washability and longer life.

Rain Won't Harm Tontine
Wash It . . . Scrub It

Rain or dampness will not injure this new du Pont Tontine shade. Nor will it crack, pinhole, fray or fade. It is impregnated with the same basic substance as that which accounts for the beauty and durability of the famous du Pont Duco. Consider what this means.

When it becomes soiled, scrub it with a brush. Scrub it time and again. Use all the soap and water you like. You will not injure it. Never before a shade like this. Remember it is a du Pont product, and that means the utmost in quality and satisfaction.

Comes Smartly Figured
and in Plain Colors

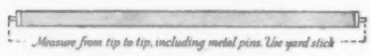
Tontine washable window shades come in a range of 6 lovely figured designs in widths up to 54 inches. You can get them also in plain colors up to 72 inches in width, and the popular corded effects up to 63 inches. For the best results—ask your dealer to mount your du Pont Tontine shades on the companion product . . . Tontine Rollers.

Accept Test Shade

This special offer of a new Tontine washable window shade at $1.00 remains open only until December 1st, 1929. It is offered at $1.00 for introductory purposes only, and for this reason we can allow only one (not exceeding 40 inches in width) to a home. The retail price of Tontine washable window shades, depending on the length, width and accessories, is from $1.75 up.

DU PONT
TONTINE
REG. U. S. PAT. OFF.
THE *WASHABLE* WINDOW SHADE

Follow These Details



Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram above.) Measure also length of shade unrolled. Specify which color is wanted: White, Cream, Ecru or Green. Fill out coupon fully. Pin $1.00 to coupon.

(This offer closes December 1, 1929)

E. I. DU PONT DE NEMOURS & CO., Inc. HG-Sept.
100 Du Pont Avenue, Newburgh, N. Y.

Canadian subscribers enclose $1.50 and address coupon:
Canadian Industries, Limited, Fabrikoid Division,
New Toronto, Ontario, Canada.

Herewith $1.00 pinned to coupon. Please send me Tontine shade .....inches wide, tip to tip (cannot exceed 40 inches,) and .....inches long (shade unrolled.)
White ☐ Ecru ☐ Cream ☐ Green ☐

Name.....

Address.....

ROOFING FOR BEAUTY

(Continued from page 162)

materials are suitable only if there is no danger of substitution of inferior and readily corrosive products. Gutters and downspouts need the same durability and are thus made of the same materials. They become decorative elements in the design, and manufacturers today produce in stock forms many types and shapes adaptable to every architectural purpose. Once properly installed they should never require subsequent attention, except for one point. Home owners should not neglect the gutters and downspouts on their houses. Leaves, waste, dust and a multitude of other foreign materials collect in open gutters and are gradually washed toward the drain inlets. If these are properly equipped with screens the downspouts will not become clogged, but the openings may be blocked, with the resultant overflowing of water which is damaging to side walls and the ground beneath.

If you have harbored any doubt about the importance of a good roof from a practical and economic point of view, you do not need to visit England, Italy or Forest Hills. Drive about your own locality and note that the most attractive houses invariably have pleasing roofs. Talk with your friends and neighbors who have owned houses for a period of years and ask them about the cost of repairs, replacements and redecoration following the development of leaks. Even the speculative builder has learned to roof well, and today permanent roofing materials have come into vogue because they are well worth their cost and because they add market values to every house.

HOT WATER FOR THE HOME

(Continued from page 98)

with safety devices by which such waste water does not pass through the heater at all. A hole the size of a pin will pass two gallons of water a day—twice as much as the average family uses. A month of such waste will give a further warning that with the automatic heater which heats just as the water is used, it is extravagant to call into action the heavy burners for a mere cup of hot water or the rinsing of the fingers. And the recommendation that the old boiler be insulated with one of the heat-saving jackets of asbestos paper and felt within a canvas jacket, will cut the heat loss by radiation as much as 4%.

Similar in development to the gas storage heater, though still usually somewhat slower in action, are the efficient kerosene heaters. Thermostat and pilot light are familiar terms in the oil water-heater vocabulary. And the new models with their "thermos bottle" insulation will keep water hot for thirty-six hours without the flame. Some of these heaters may be easily converted into gas equipment when improvements reach the neighborhood. Those which operate with a pilot light and thermostat need no attention except filling the tank. In another model the water is pre-heated before entering the coils, taking advantage of the most advanced principles of quick hot water delivery. The care of wicks has been simplified by allowing the burner to swing freely out from under the coils. A separate heating unit can be hooked up with a regular range boiler when the coal kitchen stove lives out its day.

Homes in those favored sections where electric current for ranges and heaters has been reduced to a cent or two are enthusiastically harnessing this system to serve their hot water needs. As cost of operation lessens and the ease of introducing necessary special wiring is appreciated, electricity for heating purposes is making great strides. The tiny immersion heater of the tea table and the shaving glass is rapidly growing into lusty adolescence, for its principle is carried over into the immersion type of heater for the boiler. Right into its special tank goes the heating element, controlled by the turn of a switch, by a clock or completely automatic. Or if the present boiler is to serve, a side arm or circulation system may be strapped on the outside of the tank. Hot water waste in leaky faucets is prevented by special fittings which mean a real saving in operating costs and if the tank is insulated and the time clock used, turning the heater off over night will greatly reduce the monthly bills. The insulation keeps the water warm overnight, ready for use in the morning. Another saving is effected by a device which regulates the flow of current into the heaters, providing an adequate supply of hot water with the least possible current consumption. Still further control prevents the water from running too hot at the faucet.

The automatic heater without a storage tank is raising its head in the electrical field and it is probable that this variety will soon take its place beside its gas brother.

Where both range and water heater are operated electrically, the current limiting switch prevents too powerful a flow of current by cutting off the water heater when the range reaches the load which has been determined upon as a maximum.

SALEM
Arm Rocker
69-6

WINDSOR
Arm Chair
(*Flagg Seat*)
2037-5

DOLLY
MADISON
Ladder-back
Side Chair
(*Flagg Seat*)
2021-1

WINDSOR
Child's Rocker
(*Flagg Seat*)
503-4

DUXBURY
Side Chair
2079-1

WINDSOR
(*Cricket*)
2011-W

BUTTER-
FLY
Table
518-0

PRISCILLA
Side Chair
2003-1

OUR FOREFATHERS KNEW THEIR CHAIRS

WHEN they brought the original Windsor Chairs over in the "Mayflower"—when they hewed out copies with only the crudest of tools—when they passed them along to their families as examples of honest craftsmanship and sturdy simplicity—our forefathers builded far better than they ever dreamed.

Three hundred years later—the chairs they built are priceless. And N & S recreations are everywhere accepted as the eminently proper chairs "for *any* room in *any* home." Three generations of Nichols and Stones have devoted their lifetime efforts to carrying still farther the best traditions of the Windsor Chair.

Using original Colonial heirlooms as patterns—they have developed a line of over 125 charming models; each distinguished for its perfect proportions, its simple sincerity, and the inbuilt strength that makes them by far the most economical furniture to own and use.

In the "Wayside Inn Booklet" illustrated with photographs from this famous old Colonial Inn—you will see some of America's foremost Colonial antiques amid the most picturesque surroundings of today. A true guide to the utility and beauty of Windsor patterns. Free copy will be sent on request

NICHOLS & STONE CO.

THE HOME OF WINDSOR CHAIRS

Gardner Windsors Mass'tts

NICHOLS & STONE CO.,
Dept. B-29, Gardner, Mass.
Send free copy of "The Charm of Wayside Inn" and the nearest N & S dealer's name and address to

Name.....

Street and No. .....

City and State.....

THE THIN WHITE BATTER for popovers is beaten to tiny droplets ✲ Egg-whites for cheese soufflé, fondue, or creamy omelet, are whipped high and light and loose ✲ Such beating and whipping take a big, clean mixing bowl. Do you know that the Weller Potteries make snow-white mixing bowls, as well as beautiful decorative pottery? The bowls are as white as foaming milk—as smooth as the inside of a fresh egg-shell ✲ Their clear whiteness is banded in rose, mint green, dark blue, or pale blue. Servings prepared in such bowls should win extra applause, for they are extra pleasant to prepare! Eight sizes of bowls—from the small bowl for storing a little fruit-and-milk pudding in the refrigerator, to the large bowl for all the egg-whites of an angel-food cake ✲ Jet-black, soft blue, or green teapots, are some of the other utility pottery made by The Weller Potteries, Zanesville, Ohio.—POTTERS SINCE 1872.

WELLER POTTERY

The library of the Count Pecci-Blunt in Paris has its plaster walls painted white with the woodwork covered in split straw and the trim of gilded bronze. The furniture is made of Pearwood

THE MODERNISM OF JEAN FRANK

(*Continued from page* 124)

In the drawing room of the Vicomte de Noailles in Paris the decoration is the last word in "modern." The walls are covered in squares of vellum parchment and the doors are of burnished bronze. The carpet is deep tête-de-nègre and the curtains are beige heavy silk. The upholstered furniture is in white leather and the small screens, at either end of the sofa, are veneered with natural colored split straw. In the far corner of the room, on the piano, rests a lamp, with a parchment shade, which is made of thick strips of plate glass held together with bronze bands.

Between the windows is a very interesting example of a cabinet veneered with split straw marquetry in natural color. The chair by the side of it is also veneered in split straw and covered in beige velvet. On top of the cabinet is a light shaded by sheaves of thin split ivory set into a bronze base.

A writing table, veneered with split straw, stands at one end of the drawing room. In form it resembles an old spinnet and the writing surface is covered with beige suède leather. The small armchair of white galosha is covered in oyster white plush. To the left of the door is a huge fragment of pink rock crystal which contains a light.

In one of the salons of the Noailles house, the tapestry panels have been set into a frame of split straw marquetry tinted dark brown.

Split straw marquetry has been used in libraries recently completed for the Count Pecci-Blunt and the Baron de Lellemand. The former is

(*Continued on page* 170)

In the library of the Baron de Lellemand dark brown straw marquetry covers the doors and the door reveals. The curtains are of very pale beige leather

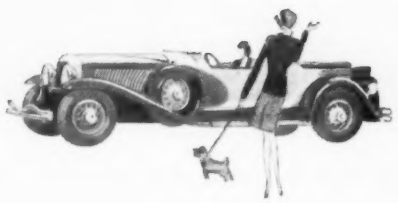
"The World's Finest Motor Car"

Duesenberg

265 H. P.

One Reason for Unvarying Steadiness

DUESENBERG superiority starts with its foundation, the frame. Duesenberg strength and rigidity, its steady performance, exceptional endurance and hitherto unprocurable safety are largely the result of its expert design and abnormally strong frame. These great factors of safety and durability, are characteristic of the car's construction, throughout.... It is because Duesenberg DOES excel all other cars mechanically, that for the first time, a car of this character is marketed on a Dollar-for-Dollar value basis.



Chassis, $8,500

DUESENBERG, INC., INDIANAPOLIS, IND.

DOES THE YOUNG CROWD COME TO YOUR HOUSE?

This is the kind of room that clever young people make for themselves today. Notice its freshness, its simplicity, its chic, its modern colour. Does it make your own house look a bit stuffy to you? Then sign that coupon now!

HOUSE & GARDEN
Graybar Building, New York City

☐ Enclosed find $4.00 for **ONE YEAR** (12 issues) of House & Garden.

☐ Enclosed find $5.00 for **TWO YEARS** (24 issues) of House & Garden.

Name _____

Street _____

City _____

State _____ H&G 9-29

Do your young people find your house pleasanter, prettier, more modern and merry than restaurants and roadhouses? Do they come to you to have fun? Or does evening only mean an impatient horn-squawk at your gate and the flying click of daughter's heels down the path to somebody's roadster . . . and away!

Young people want a modern setting nowadays. They want the kind of house they can have a good time in . . . can be proud of . . . and if they don't find it at home, they'll go where they can.

House & Garden shows you how to keep your house in the modern movement . . . beautiful, livable, smart.

You can get TWO YEARS of House & Garden for $5 . . . less than son spends for one single quart of doctored prune-juice . . . and your purchase will do a good deal more for the family life than his will.

12 ISSUES OF HOUSE & GARDEN A YEAR
twice over for five dollars

ANNUAL BUILDING • JANUARY
New houses, new plans, fresh inspiration from all over America and Europe. Discussions of building materials, equipment, landscaping, and decorating to suit every new householder's needs.

FURNITURE • FEBRUARY
The traditional—and the modern—always the best of both. How to achieve modernity in old surroundings—how to give stability and dignity to the newest things. Everything the best decorators are using—their best clients buying.

GARDENING GUIDE • MARCH
Here's a short cut to a garden that grows no regrets—advice from specialists all over the country—the best of the new varieties and how to treat them. This issue will make a success of your garden!

INTERIOR DECORATION • APR.
Work that cost thousands—yours to look at, free! Ideas blossom while you turn the pages—things from other people's houses—things from the shops. Let us save you hundreds of dollars and months of time.

SUMMER FURNISHING • MAY
How to put your town house in the mood of summer—what to do for your country house—the latest, gayest, maddest whims in everything.

GARDEN FURNISHING • JUNE
Outdoors—the garden is growing new tables and summer tea parties, gay new china and glass, as well as the flowers to background lazy hours. Charm costs so little when you follow House & Garden's suggestions.

SMALL HOUSE • JULY
Whether you want a small house because you have a small purse, a small family or just a soul that prefers the small chic to the large—your house is sure to be here, complete to its chimney pots!

HOUSE EQUIPMENT • AUGUST
The most practical number of the year—every labor and time saving device invented in the last twelve months, the whole list carefully censored by House & Garden to include only the very best.

AUTUMN DECORATING • SEPT.
Here's where you learn just how the pendulum is swinging between the traditional and the modern. House & Garden shows you the very best at the moment—what a mine of suggestions for *you!*

FALL PLANTING • OCTOBER
The wise garden goes to bed as directed by House & Garden, if it's to wake up next Spring to advantage. No matter how good a gardener you are—this will bring you tips.

HOUSE PLANNING • NOVEMBER
Whether you've built, are building or plan to build, House & Garden promises to show you how to achieve greater chic for the same money. All sections of the country will be considered—and most purses!

CHRISTMAS GIFTS • DECEMBER
The secret of never giving the commonplace, the "what'll-I-do-with-it" sort of gift is mirrored in page after delightful page. The editors have fine-combed the shops of New York—and you get the benefit.

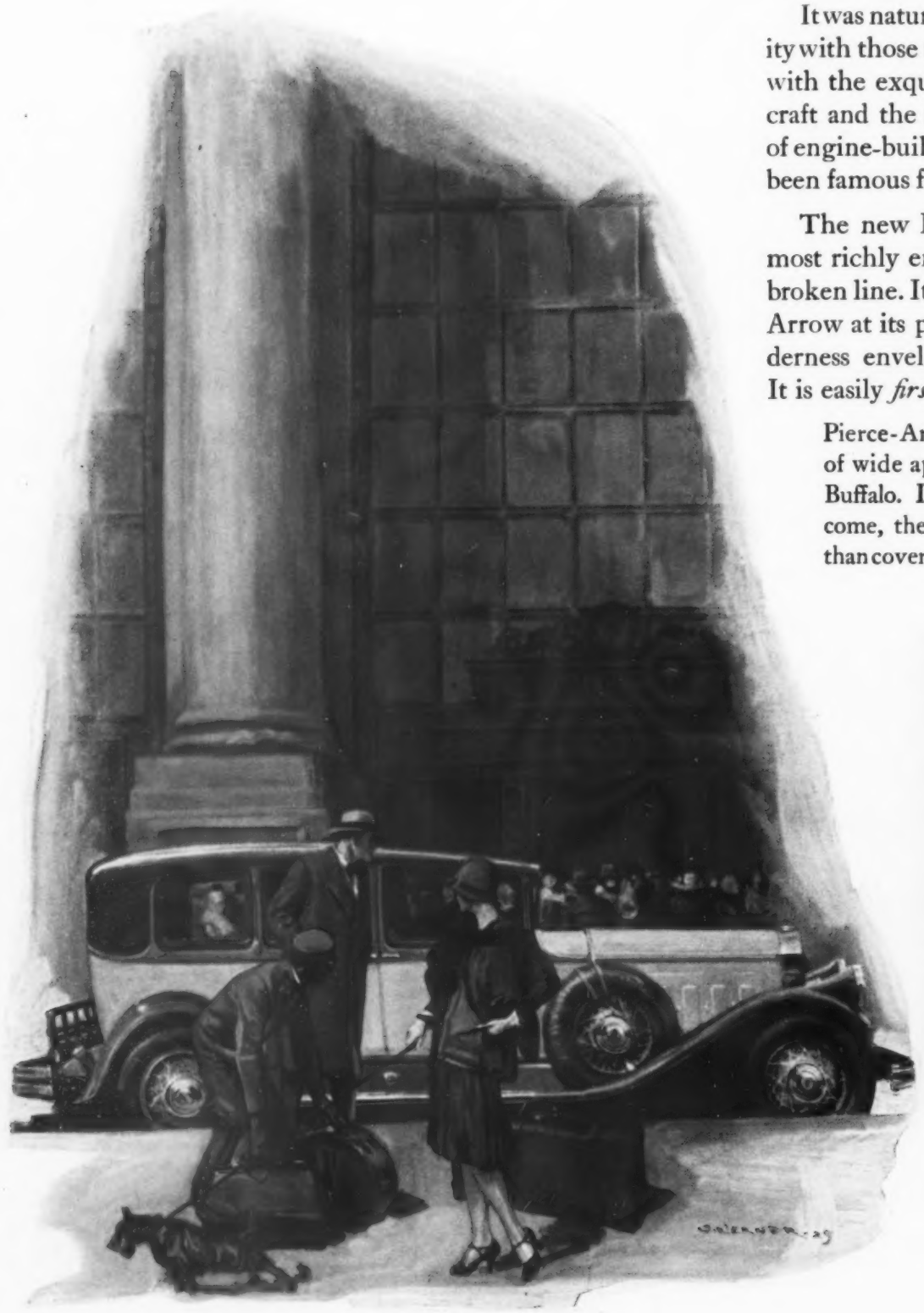
THAT SECOND YEAR FOR ONLY $1 MORE

Le désarmement ? Pour les femmes, ça n'existe pas. Chaque soir elles se préparent à des combats sans pitié — l'une avec ses bijoux, l'autre avec ses robes — Mais la femme avisée se fie à un parfum de Lenthéric — et ne s'inquiète plus. —

Lenthéric, *Parfums*

245 RUE SAINT-HONORÉ, PARIS, FRANCE. THE LENTHÉRIC SALON AT FIFTH AVENUE & 58th STREET, NEW YORK. ALSO AT ALL HOUSES OF FASHION

The Pierce-Arrow Sort of People



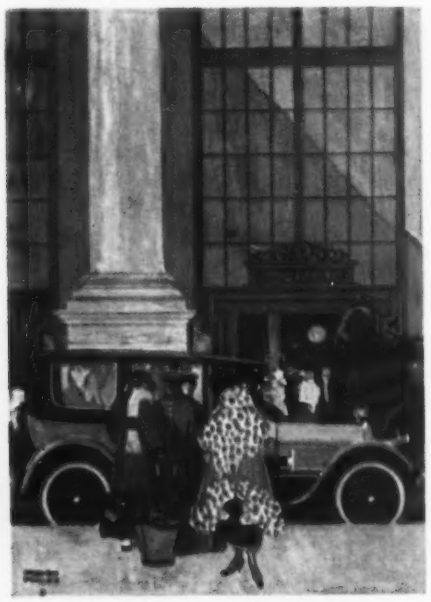
AMONG the very finest things that have been built by Pierce-Arrow is the character of following that so distinguishes this quality motor car.

The Pierce-Arrow sort of people are to be recognized by that excellence of taste which marks always the well-bred—never the commonplace.

It was natural that such people should find affinity with those traditions which inspire fineness—with the exquisite hand-wrought detail of coachcraft and the meticulous hand-tooled precisions of engine-building—for which Pierce-Arrow has been famous from the beginning.

The new Pierce-Arrow Straight Eight is the most richly endowed automobile of a great unbroken line. It has a patrician beauty that is Pierce-Arrow at its proudest. Its long, low-swung slenderness envelops great ease and mighty power. It is easily *first among America's finest motor cars.*

Pierce-Arrow prices are appropriate and of wide appeal: From $2775 to $8200, at Buffalo. In the purchase of a car from income, the average allowance usually more than covers the initial Pierce-Arrow payment.



A generation has grown up, between the Pierce-Arrow portraits reproduced on this page. The one above, painted in 1915, shows how smart New York appeared en route in that day. The other is today's version of the same subject—the same scene, the same quality of people, the same make of motor car.

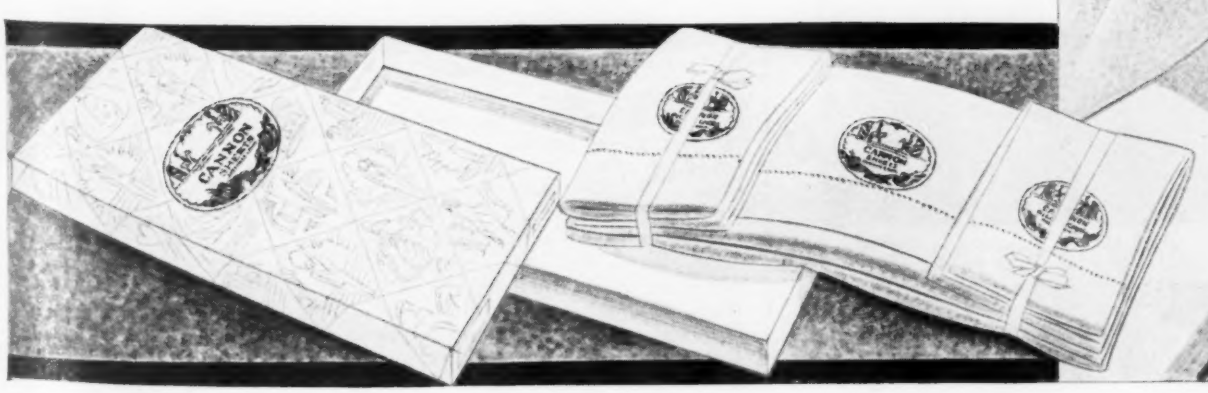
PIERCE-ARROW

. . . But the real measure of their worth is

COOL, SMOOTH, CARESSING COMFORT

IN THE STORE you were impressed with their close, even, supple texture. They had, unquestionably, the appearance and the feel of luxury. They were the best sheets made only of finest long-fiber Egyptian cotton, the saleswoman told you, with more than 100 threads to the square inch. Naturally, they would wear longer than others. At the price of $3.25 each they seemed the thriftiest of purchases. ■★ But the real measure of their worth came after you had tucked their snow-white smoothness into a bed and had slept between them—only once! How their cool even softness lulled you. How sweetly, gently they caressed you while you slept. And the next night found them still scarcely wrinkled, still comfortable, still serene. You decided, then and there, that there was indeed a vast difference in sheets! ■★ Cannon sheets, Lavender Lawn, may be had in snow white, in six lovely pastel shades, or in white with smart colored hems. They are sold singly, in packages of six sheets or pillow-cases, and in boxed sets (a pair of sheets and matching pillow-cases) scented with Yardley's Old English Lavender. Average size in white costs about $3.25. Hemstitched or plain. Cannon Mills, Inc., 70 Worth Street, New York City.

CANNON LAVENDER LAWN SHEETS



ST. VINCENT'S HOSPITAL
LOS ANGELES
SMALL VIEW OF
DIETICIAN'S DEPARTMENT

Properly cooked foods are vital to health . . .

THIS is as true in the home as in those institutions where every effective aid to health is demanded. It is significant that many hospitals throughout the country are using Chambers Autostat Gas Ranges in the preparation of patients' meals.

When St. Vincent's Hospital of Los Angeles (shown above) was enlarged and modernized, Chambers Ranges were installed in the Dietician's Department and the authorities sent this report:

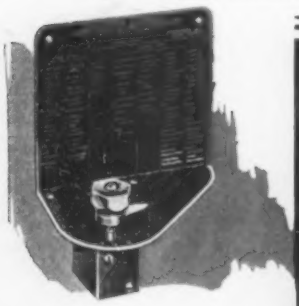
"Our experience with the Chambers Range proves the superiority of the food cooked, as compared to the ordinary range, to say nothing of the gas saving, food saving and saving of hours of time."

With the Chambers Autostat Gas Range the ordinary hazards of cooking are eliminated. It is easy to prepare "superior" meals,—every time.

The Chambers method of cooking conserves valuable health-building food elements,—the mineral salts and vitamins. Furthermore, this cooking method is economical and exceptionally efficient. It contributes materially to the leisure of the housewife,—saving time as well as food and money.

Any Chambers Dealer will be pleased to demonstrate this improved cooking method.

THE CHAMBERS MANUFACTURING CO.
609 Columbus Park **Shelbyville, Indiana**
Originators of the insulated gas range, the Thermodome and the Autostat



The Autostat, an exclusive feature, shuts the gas off completely when the correct oven temperature is reached so that cooking will be completed on stored heat.

Chambers
AUTOSTAT
GAS RANGE

COOKS WITH THE GAS TURNED OFF

Awarded the Grand Prize, Paris, 1928. Endorsed by leading cooking institutes and by American Gas Ass'n.

THE MODERNISM OF JEAN FRANK

(*Continued from page* 166)

an oval room with high ceilings, since it serves both as a library and a music room. Its plaster walls are painted white. The niche at the end of the room where the piano stands, the back of the bookcases and the panels of cupboards below, as well as the inside window shutters, are in blond straw, giving the room a rich glow of sunlight. All the trim is in gilded bronze. There are lights concealed behind frosted glass over the bookshelves and windows. The bookshelves are of plate glass. The carpet is beige and the furniture, which is made of Pearwood, has beige leather upholstery. A gold mirror hangs over the fireplace and gold mirror tops are used on the small occasional tables in the room.

The Baron de Lellemand's library is a more *intime* room. Here the straw has been stained a dark brown toning in with dark walnut bookshelves. The furniture also is walnut, upholstered in a patternless fabric, and the curtains are very pale beige leather.

THE GRACE OF BIRCHES

(*Continued from page* 109)

separating into thin layers. It is not a very tall tree, for it seldom exceeds seventy feet in height; but the trunk is thick, from seven to ten feet in girth, and is clean of branches for three-fourths of its height. It has a small crown of comparatively few thick branches and it is the stout, tall white-barked trunk that is so striking. The bark is tough, durable and impervious to water, and from time immemorial has been used by American Indians for making canoes and miscellaneous utensils and to cover their wigwams in winter. It is a conspicuous tree of the boreal forests of North America, being found across the continent from the Atlantic to the Pacific.

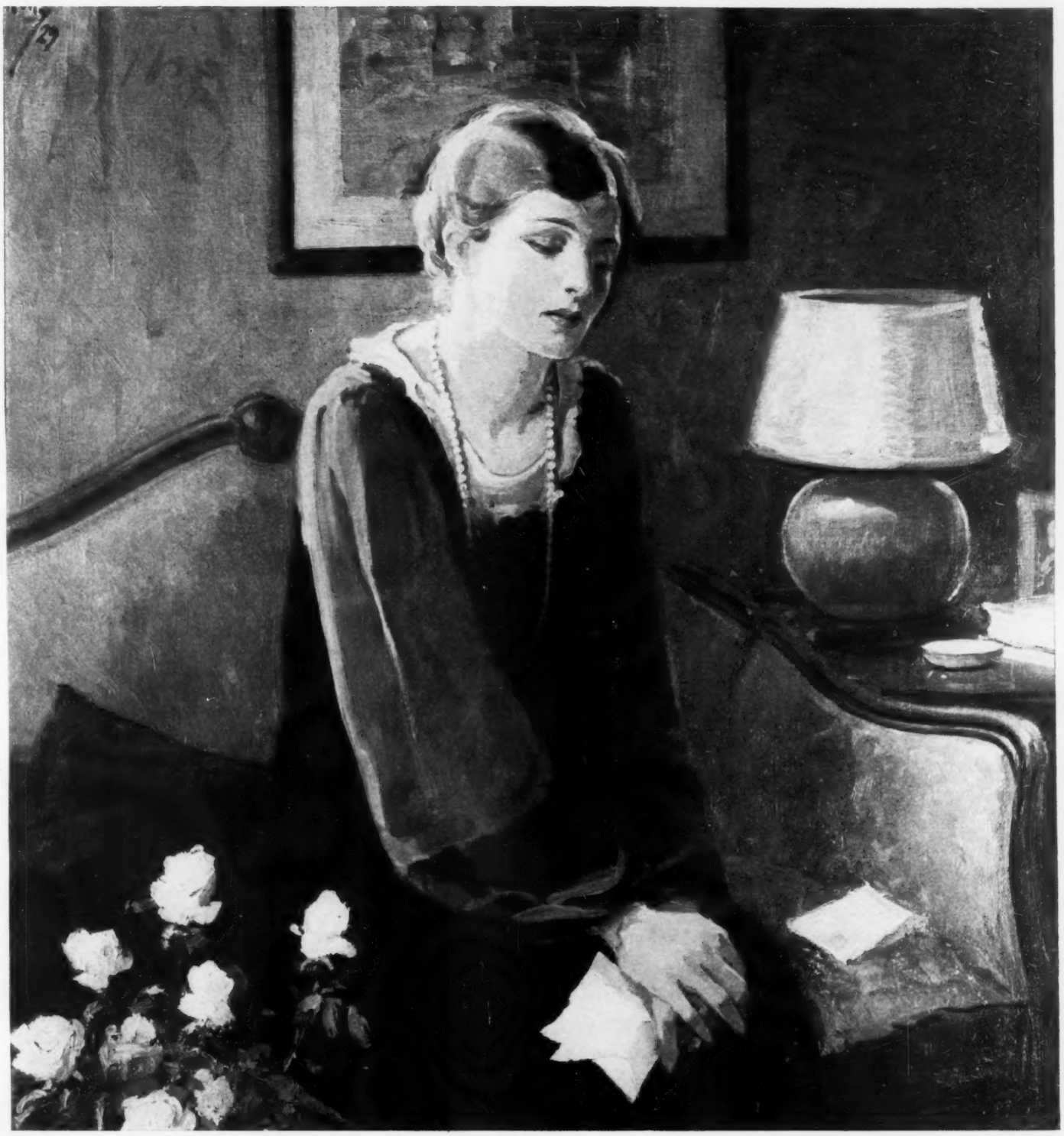
The white-bark Birch of northeastern Asia *(B. japonica)* is found over an immense area from the higher mountains of western China northeastward, and throughout Japan northward to Kamtchatka. The foliage varies a great deal and a number of named forms are recognized, but all agree in having a pure white bark easily separating in thin layers. At its best in the forests of northern Japan, this Birch approximates in size to the American Canoe Birch. But the best form is that named *szechuanica*, from the high mountains of extreme western China. This has thick, bluish green leaves and very polished red-brown branchlets and an open crown of wide-spreading branches. Trees raised from seeds I collected near Tachien-lu have grown well in America and Europe and proved a decided acquisition to silviculture.

The most common Birch in Japan, and one found in great quantity throughout Korea and northeastern Asia, generally, is *B. Ermanii*, which has a greater altitudinal range than any other Oriental species. It also grows to a larger size than any other Birch of eastern Asia with the possible exception of *B. grossa*; but in the alpine zone of the higher mountains of northern Japan it is reduced to a low, very broad shrub with branches prostrate on the ground. I saw it on the higher mountains northward from those of the Shinano province in central Hondo; it is common in the Nikko region and most abundant in Hokkaido and Saghalien. In Hokkaido it is known as Gambi (White Birch) and the wood (with that of *B. japonica*, which is known by the same name) is exported in quantity to America and Europe and used for making furniture. Soot obtained by burning the bark of this Birch is used by Ainu women in tattooing themselves. Growing in such a wide area and under such diverse climatic conditions, this species naturally exhibits much variation. The trees differ in habit; the leaves vary greatly in size and in degree of dentation and considerably in shape; the bract of the female flowers varies enormously both in size and shape. The bark is grayish, sometimes suffused with red-brown, or it may be white; it is exfoliated in thin sheets, or the sheets may remain on the tree in shaggy masses. The fruit is always erect. Usually the trunk divides a few feet from the ground into several massive stems and these branch again to form a wide-spreading crown. But when the trees grow crowded together in rich woods the trunk is relatively slender and very tall and the branches are thin and short. During 1914 I paid much attention to this Birch in Japan, but I failed to discover any constant character by which any variety or form could be definitely distinguished in the field. Its variability notwithstanding, *B. Ermanii* is a well-marked species. The variety found around Nikko *(subcordata)*, with its tall trunk clothed with peeling gray-white tinted pink bark, is the most handsome of the many forms of this Birch.

The Red Birch of northern Japan *(B. Maximowicziana)* has the largest leaves and longest catkins of all known hardy Birches. In Hokkaido, where it is at its best, I have seen trees fully 100 feet tall with a trunk twelve feet in girth and clean of branches for fifty feet and more. But such trees have a roundish mop-like crown and gray-brown or gray unattractive bark, split into long, broad thin sheets which cling to the tree in shaggy masses. The young vigorous trees are of open habit, with trunk and principal branches clad in firm smooth snow-white bark. Introduced in 1893 into cultivation by Professor C. S. Sargent, this Birch has proved a hardy, vigorous, quick-growing tree, distinct and markedly handsome.

A semi-aquatic Birch and a lover of rich alluvial soil is *B. nigra*, the River Birch, abundant in eastern United States from the Atlantic seaboard to west of the Mississippi River and found in its greatest size in the

(*Continued on page* 172)



ANONYMOUS—

but it changed her entire life

Go back a few years in this New York woman's life.

Think of her, not as she is today, a beautiful woman, married to an adoring man, and playing the charming hostess in her great Park Avenue home, but as she was before that anonymous letter came with its horrible accusation.

True, she was lovely and charming then. But women avoided her. Men seldom called more than once. In the very years of her prime, she found herself hopelessly out of things—and utterly unable to account for it.

Then, one morning she received that bleak white envelope with its anonymous enclosure—a national advertisement across which was written in a bold masculine hand, "Wake up."

Amazed and humiliated, she read it again and again. Finally the shocking truth came home. That advertisement was true. It applied to her. *It had applied to her for years.*

* * *

Halitosis (unpleasant breath) is the damning, unforgivable, social fault. It doesn't announce its presence to its victims. Consequently it is the last thing people suspect themselves of having—*but it ought to be the first.*

For halitosis is a definite daily threat to all. And for very obvious reasons, physicians explain. So slight a matter as a decaying tooth may cause it. Or an abnormal condition of the gums. Or fermenting food particles skipped by the tooth brush. Or minor nose and throat infection. Or excesses of eating, drinking and smoking.

Intelligent people recognize the risk and minimize it by the regular use of full strength Listerine as a mouth wash and gargle.

Listerine quickly checks halitosis because Listerine is an effective antiseptic and germicide★ which immediately strikes at the cause of odors. Furthermore, it is a powerful deodorant, capable of overcoming even the scent of onion and fish.

Always keep Listerine handy. It is better to be safe than snubbed. Lambert Pharmacal Company, St. Louis, Mo.

* * *

★ **Full strength Listerine is so safe it may be used in any body cavity, yet so powerful it kills even the stubborn B. Typhosus (typhoid) and S. Aureus (pus) germs in 15 seconds. We could not make this statement unless we were prepared to prove it to the entire satisfaction of the medical profession and the U. S. Government.**

LISTERINE

Does your fastidious family complain of

COOKING ODORS?

The tiniest whiff of cabbage . . . the least suggestion of greasy smoke drifting in from the kitchen . . . and the psychological effect of your perfectly-appointed table and daintily-served foods is completely lost. For *we eat with our noses,* as well as with our mouths and eyes. ¶A West Wind Ventilating Fan gives offensive cooking odors *no* chance to explore. While meals are being prepared, it continually draws every bit of greasy, stale air out of the kitchen . . . and replaces it with fresh outdoor air. Yet this greatest necessity of the modern kitchen costs no more to operate than an electric light! Send coupon for folder and life-size "pattern" cutout of West Wind Ventilating Fan.

Easy to install . . . instantly reversible . . . takes little room . . . keeps curtains cleaner.

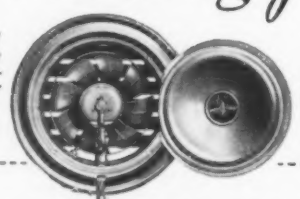
"West Wind" Companies in Principal Cities

WEST WIND

TRADE MARK REG. U.S. PATENT OFF.

Ventilating *fan*

West Wind is lacquered in smart Bainbridge Green. Or can be refinished to match your color scheme.



De rigueur in modern apartments. Smart in any woman's kitchen!

West Wind Corporation, 1810 Ninth Avenue South, Seattle, U. S. A.

Gentlemen: Please send folder and *life-size* cutout of fan so I may see where West Wind would fit in my kitchen.

Name .....

Address .....

City ..... County ..... State .....

The Ragged Barked River Birch, Betula nigra, is a lover of rich, alluvial soil found in the eastern part of the country and grown to great size in Florida

THE GRACE OF BIRCHES

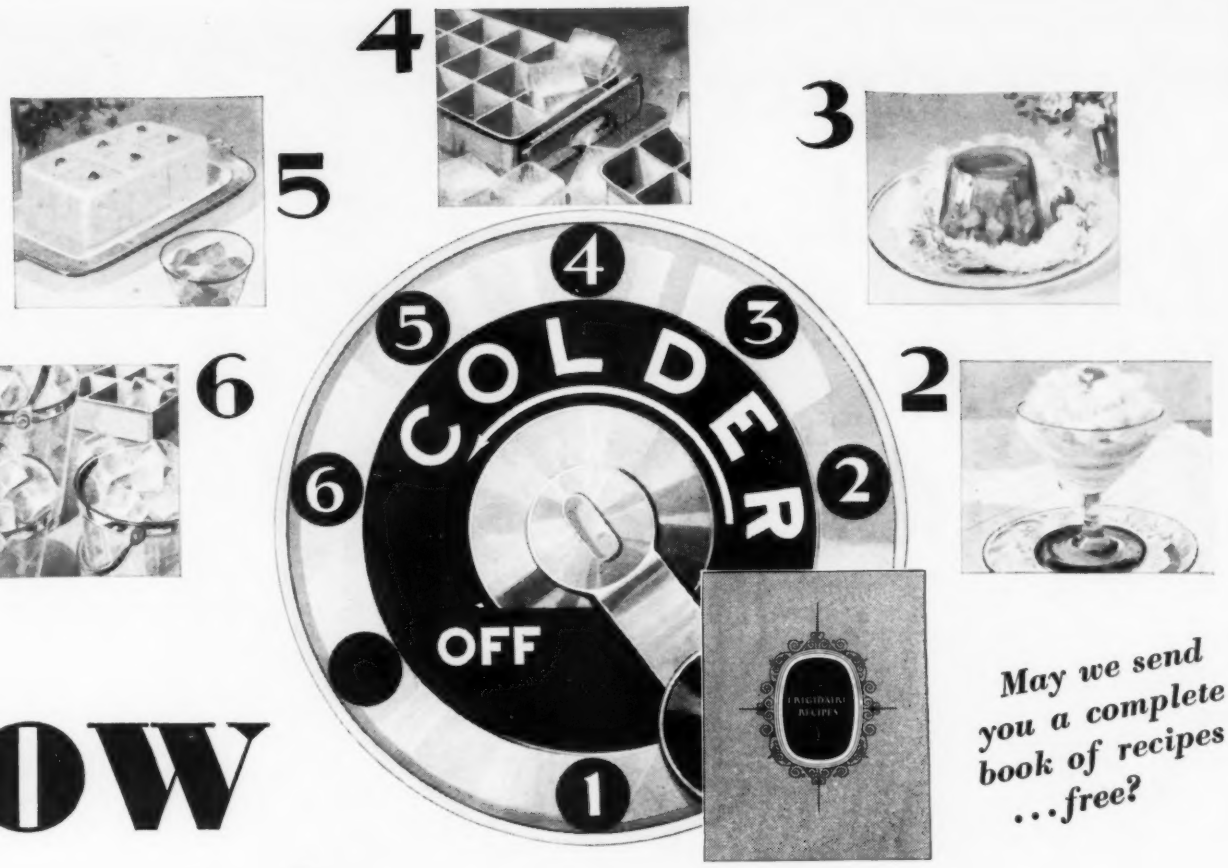
(*Continued from page* 170)

lowlands of sub-tropical Florida. It is a large tree from eighty to ninety feet tall with a trunk 15 feet in girth which divides some ten to twenty feet above the ground into from two to several massive diverging limbs. The bark on young trees is a shining light reddish brown, and separates freely into large thin paper scales which curl and remain on the tree for many years in shaggy masses. On the trunk of old trees the bark is fissured and broken on the surface into thick, closely appressed scales, dark red-brown in color. This Birch is most strikingly distinct and picturesque in appearance.

The Yellow Birch *(B. lutea)*, which has aromatic bark, is one of the largest trees of northeastern America. In moist uplands where rich soil obtains, this tree is often 100 feet tall with a trunk twelve feet in girth. On young trees the bark is shining pale orange or yellowish gray, separating into loose persistent scales which are more or less rolled on the margins. On old trees the bark is deeper, irregularly fissured into large thin plates. This persistent bark, rolled and bunched into masses of no particular shape, gives the naked trees an uncouth appearance. The young leaves as they unfold are reddish passing to bronze-green, and in the autumn turn a clear, pleasant yellow.

(*Continued on page* 182)

Stateliest of the Silver Birches is the famed Canoe Birch, Betula papyrifera, native to open waste spaces in North America



May we send you a complete book of recipes ...free?

NOW you can make scores of delicious new salads and desserts *with the* Frigidaire "Cold Control"

THE sensational new Frigidaire "Cold Control" brings you an added service . . . a service that practically doubles the pleasure of having an automatic refrigerator in your home. It enables you to regulate, at will, the time required to freeze ice. It makes the preparation of unusual salads remarkably easy. It permits you to have delicious frozen desserts that require extreme cold... whenever you want them.

And the "Cold Control" is only one of *many* added features that Frigidaire now offers. The power unit is extra-powerful yet incredibly quiet. You don't hear it start, stop, or run. And it is placed in the *bottom* of the cabinet . . . out of sight and out of the way. There is no exposed mechanism . . . nothing to catch dust or dirt.

The new Frigidaire cabinets are both practical and beautiful. They are remarkably easy to clean. The top is flat and usable. Shelves are waist-high from the floor and easy to reach. There is no stooping necessary.

Another important feature is the generous size of the food compartment. It enables you to buy foods in larger quantities . . . make fewer trips to the market. The freezing compartment, too, is of generous proportions. It freezes a plentiful supply of full-sized ice cubes and gives you an ample dessert-freezing capacity for every occasion.

Mail the coupon for your free recipe book . . . now

We have just prepared a free book giving facts you'll want to know about electric refrigeration. It also gives complete information about Frigidaire and the many Frigidaire features that save time, work, and trouble. Mail the coupon for this book. We will also send a complimentary copy of the big illustrated Frigidaire recipe book. Mail the coupon today. Frigidaire Corporation, Subsidiary of General Motors Corporation, Dayton, Ohio.

Frigidaire Corporation, Dept. P-110, Dayton, Ohio.
Subsidiary of General Motors Corporation,
Please send me your book about Frigidaire, also a copy of the Frigidaire recipe book . . . both free.

Name .....

Address .....

If you live in Canada, address Frigidaire Corporation, 1604 Sterling Tower, Toronto, Ontario.

FRIGIDAIRE

More than a MILLION *in use*

Before winter—install *Williams* Oil Heat

"OUR greatest home convenience" more than 90,000 owners say of Williams oil heating. Williams Oil-O-Matic frees you forever from furnace worries — banishes dirty coal and dusty ashes.

Thermostat Tends Furnace

With Oil-O-Matic heating a dependable thermostat is your furnace man. Your home is never overheated with wasted fuel—never chilly from neglect. Your preferred temperature is automatically maintained in every room, in any weather. Your doctor will tell you even temperatures safeguard health, prevent colds, protect your children.

More homes are heated by Williams oil burners than by any other make! Such outstanding owner preference is convincing proof of satisfactory service. Clip and mail the coupon today for names of Oil-O-Matic owners in your neighborhood. Get the facts from owners and you will install Williams Oil-O-Matic heating in your home before winter. Mail the coupon now.

A RADIO TREAT

Tune your radio to WJZ and NBC chain stations at 10 o'clock Eastern Daylight Saving Time each Tuesday night. Friday nights at 8:30 Central Daylight Time tune in WGN, Chicago.

WILLIAMS OIL-O-MATIC HEATING CORP., Bloomington, Ill.

WILLIAMS OIL-O-MATIC HEATING

Listed as Standard by Underwriters' Laboratories

FOR SMALLER HOMES LOWER PRICED OIL HEAT

WILLIAMS DIST-O-MATIC HEATING

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HG—9-9

Williams Oil-O-Matic Heating Corporation, Bloomington, Ill.
Please send me your booklet, "Oil Heating At Its Best"— no obligation.

Name .....

Address .....

City ..... *State* .....

The pink Colchicums, reminiscent of spring's Crocuses, help to bring color into the edging of the autumn border. In the old days gardeners called it "Naked Ladies"

PLANTS FOR SEPTEMBER BORDER

(*Continued from page* 105)

garden loam lightened with sand and moderately enriched.

Of course, fall blooming plants should be transplanted in the spring, and bulbs at the time they are dormant. In good garden soil, field-grown nursery plants would make an effective display the fall after the border was planted.

The two species of Azaleas used in the background are *Azalea nudiflora* and *Azalea rosea (canescens)*, both of them deciduous native American kinds, hardy and well worth the growing.

Azalea rosea, sometimes called the Piedmont Azalea, is deep pink, delightfully fragrant, and blooms in May. It grows in the form of a twiggy bush.

Azalea nudiflora is known as the Pinxter Bloom or Wild Honeysuckle in Pennsylvania where it flourishes on the mountains. It develops a stratified, more tree-like form, and is not quite as fragrant as *A. rosea*. One beautiful specimen I know is thirty years old and about fifteen feet tall, and looks almost as though pink butterflies had settled on it in a cloud when it blooms in late May. As the name implies, the flowers develop before the leaves.

The important thing to remember about Azaleas is that they will not tolerate lime. They grow luxuriantly in a compost of rotted sods and very old manure well mixed with ordinary garden soil provided it contains no lime. Early spring planting is safest except in districts that have mild winters.

Another important point is that faded blooms should be snapped off carefully, with a sidewise motion that saves the new leaf buds from injury. The well developed growth which comes after the seed pods are removed is ample compensation for the task.

If nursery plants one to three feet high are purchased, they almost always bloom the spring they are planted, but they should have plenty of moisture, and the faded blooms must be removed quickly.

Magnolia stellata will bloom in May, and flourish in the same soil used for Azaleas—provided you can find one to plant. The supply came from Europe before the quarantine and American nurseries are just beginning to grow them. They develop very slowly, and it will be years

(*Continued on page* 178)

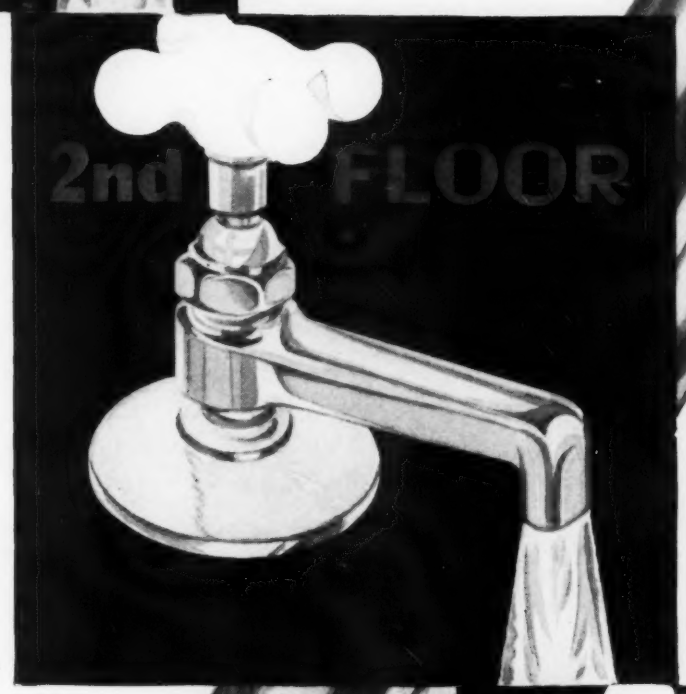
In this little harbor of a fall border are white Colchicums, Maiden Pinks with their quaint green tufts and bright flowers, and for ground cover, Veronica pectinata or Comb Speedwell

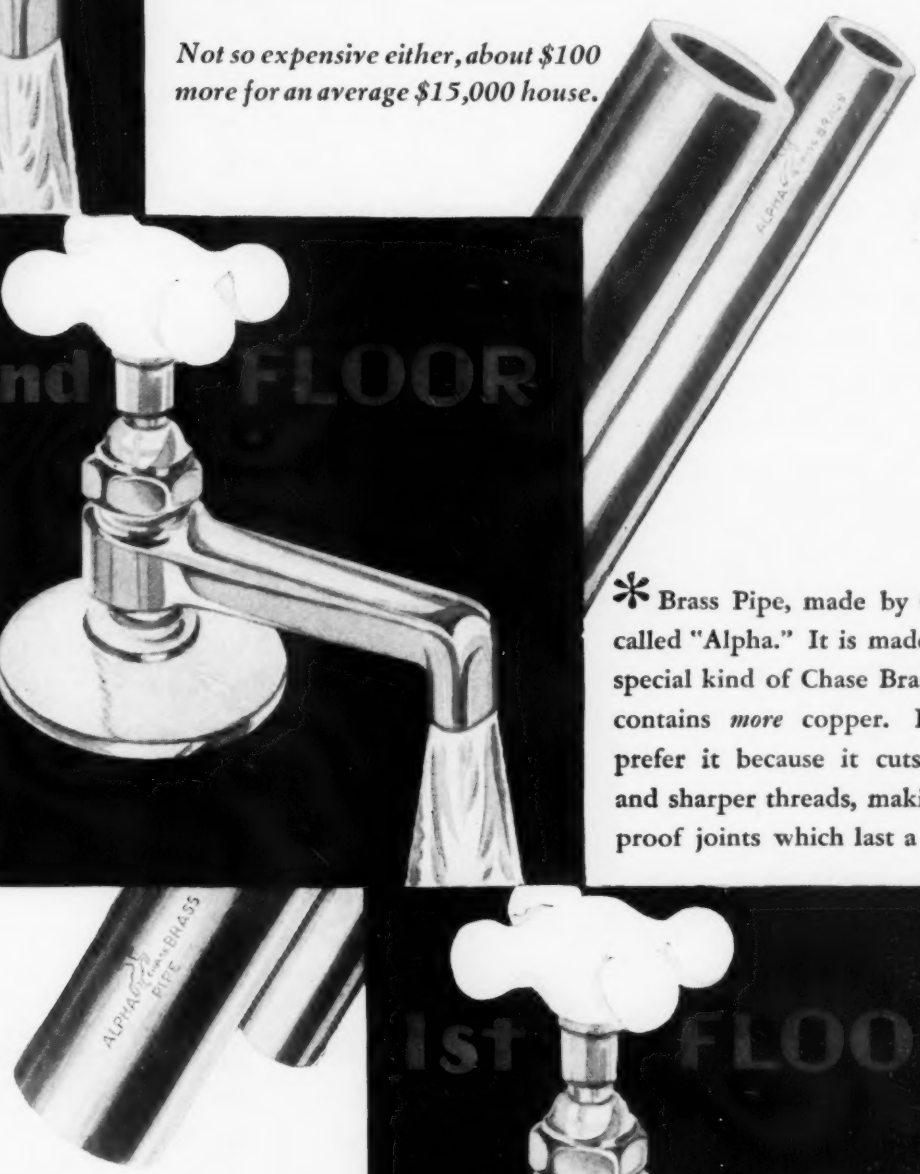
FULL PRESSURE — AND ON EVERY FLOOR !

Open *all* the faucets wide! There's no lowering in pressure when brass water pipes* are used. Downstairs—upstairs—top floor too, there's a full flow of delightfully clear, clean water for everyone at the same time.

Because brass water pipes never fill up with rust. They deliver crystal-clear water at full pressure, *always.*

Not so expensive either, about $100 more for an average $15,000 house.

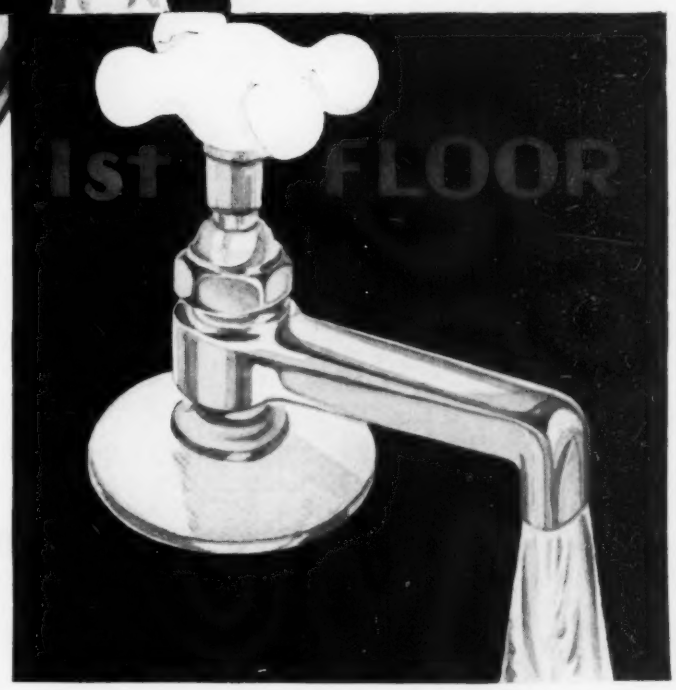




CHASE

The Mark that Identifies Good Brass and Copper Products

*Brass Pipe, made by Chase, is called "Alpha." It is made from a special kind of Chase Brass which contains *more* copper. Plumbers prefer it because it cuts cleaner and sharper threads, making leak-proof joints which last a lifetime.



All Chase products are *rustless* • The yearly loss that *rust* causes the civilized world is appalling . . . and will continue to be so until every metal that rusts is replaced, wherever possible, with one that is immune to rust.

Chase makes Alpha Brass Water Pipe, Bronze Fly Screening, Copper Roof Gutters and Downspouts — these and many other products. All are *rustless* . . . all are designed to protect the property owner throughout the years from the expensive ravages of rust.

CHASE BRASS & COPPER CO.—Incorporated—WATERBURY, CONN.

sharp changes due in autumn chic

The mode is becoming more feminine, with softer, more becoming lines. ● The silhouette has changed altogether! ● Skirts are longer. ● Waists are higher. ● Some smart women are letting their hair grow out and wearing it in a soft *chignon* at the nape of the neck. ● Gloves are worn more and more in the evening, and always longer in the daytime and slightly wrinkled at the wrist. ● Make-up is more delicately applied, and less obvious. ● How different is this autumn's chic from last! Every day come more reports from Paris on the autumn mode. Some good . . . some fads . . . some will never be "taken up" at all. So fashion strides ahead. Even wrong shoes or accessories can ruin the effect of your entire fall wardrobe! *Are you keeping up?* As you plan your fall clothes, are you considering all the important fashion notes? Let Vogue help you choose your wardrobe this fall . . . economically, and above all successfully! ● In every issue, Vogue reports every smart tendency of the mode . . . in lines, colours, and fabrics. Why not have Vogue's guidance and fortnightly fashion reports for the next two years . . . at less than 2 cents a day? Rather a small price to pay for chic! Sign that coupon today, and start the fall right!

two years of vogue eight dollars

Ordinarily, Vogue costs $6 a year . . . 2 years $12. Now, as a special offer, you can get *two years for $8* . . . 52 issues . . . a saving of $4, or one-third the usual price. This $4 is only your first, and smallest, saving. Every dollar you invest in Vogue's early, authentic fashion information will save you $100. Make that investment now!

VOGUE, GRAYBAR BUILDING, NEW YORK CITY

☐ Enclosed find $8.00 for which send me TWO YEARS (52 issues) of Vogue beginning at once.

☐ Enclosed find $6 for ONE YEAR (26 issues) of Vogue.

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Raleigh *Cigarettes*

SIR WALTER RALEIGH'S SIGNATURE TRACED FROM OLD DOCUMENTS IN THE BRITISH MUSEUM.
PATENTS COVERING THIS PACKET ARE PENDING. BROWN AND WILLIAMSON TOBACCO CORPORATION.
THIS UNIQUE PACKAGE PREVENTS CRUSHING— THE LAST CIGARETTE IS AS FRESH, FRAGRANT AND PERFECT AS THE FIRST
TEAR OUT THE CENTER AND ROLL YOUR CIGARETTE WITH THE THUMB
Raleigh
20 RALEIGH CIGARETTES 20
Raleigh
CIGARETTES
Blended puff-by-puff

Twenty Cents {PLAIN OR TIPPED}

and if they cost twenty dollars they couldn't please more people nor please any people more

BROWN AND WILLIAMSON TOBACCO CORPORATION, *Louisville, Kentucky*

(Attractive home of Geo. E. Smith, at Great Neck Estates, Long Island, N. Y. Architect, Chester A. Patterson. Roofed with J-M Asbestos Shingles)

Everlasting BEAUTY GUARDS THIS ROOF-TREE

Johns-Manville Asbestos Shingles Mean Permanent Protection from Fire, Weather and Time

WHAT a warmth of rich color there is in this beautiful home roofed with Johns-Manville Rigid Asbestos Shingles! How perfectly it proves what every architect and builder knows—that upon the colorful beauty of the roof depends the character of your house. Velvety greens—autumn reds—mellow grays—there is a Johns-Manville roof to blend with every house design to meet every home-owner's desires.

And the colorful distinction of Johns-Manville Asbestos Shingles will last forever. Time does not touch them! Weather will not wear them out, nor penetrate their sturdy, thick protection. Fire cannot harm them. Roofing expense is ended for all time. You cannot afford to be without the lifetime of roofing beauty and protection found in Johns-Manville Shingles.

Look At Your Roof Today!

And for old homes as well as new! Thousands of houses are finding new beauty each year when re-roofed with Johns-Manville Asbestos Shingles *laid right over the old shingles.* Think of the satisfaction of knowing that you'll never have to worry about your roof again. Johns-Manville Asbestos Shingles end roofing expense where other materials begin them. Let your local Johns-Manville Dealer tell you how *little* it will cost you to beautify and protect your home with these everlasting asbestos shingles.

A roof of Johns-Manville Colorblende Shingles admirably fits this attractive Eastern home. And the owner was surprised at the economy of the additional beauty and protection found only in Johns-Manville Asbestos Shingles.

This interesting stone house is roofed with Johns-Manville Asbestos Shingles in blue-black tones. This home will never need another roof, will always be safeguarded from firebrands and the ravages of time and weather.

Study these Homes

Successive owners of these houses will enjoy permanent beauty and protection from fire and weather. This is so because their roofs are of Johns-Manville Asbestos Shingles. A Certificate of Registration goes with every genuine J-M Asbestos Shingle Roof.

What "Made by J-M" Means

Johns-Manville Asbestos Shingles bear the "J-M" trade-mark—the hall-mark of quality of the world authority on Asbestos and its products. J-M Asbestos Brake Lining makes motoring safer for millions of car owners. J-M Built-up Asbestos Roofs guard office buildings and factories from coast to coast. Throughout industry "Johns-Manville" packings, insulations and fireproof building materials are famed for their unfailing service and quality. Write today for our booklet, "The Story of Asbestos."

Johns-Manville

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Send me your free booklet telling the story of colorful, permanent roofs.

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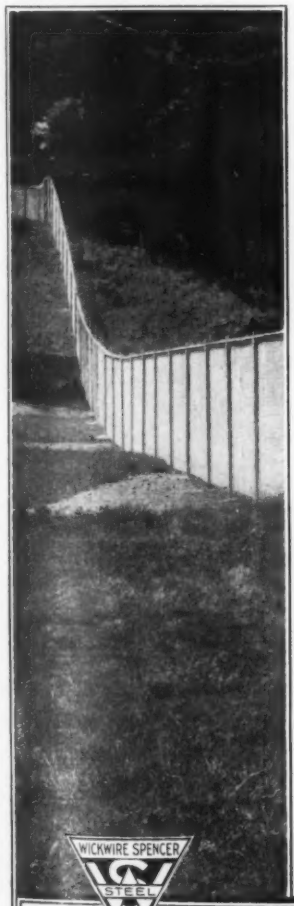
Jeddo-Highland Coal

Aristocrat of Anthracite

ON account of the purity of this coal and its unusually careful preparation, Jeddo-Highland yields more heat and less ash than ordinary anthracites. Its tough structure assures even, healthful heat, without any attention, for many hours. *From authorized dealers only.*

Look for This Stamp On Your Delivery Ticket

JEDDO-HIGHLAND COAL COMPANY
JEDDO, PENNSYLVANIA



WICKWIRE SPENCER

Chain Link Fence makes a permanent improvement to any residential property. It is not only lasting but sightly as well. The cost of the material only, or the fence completely erected, is far less than good fencing has been for many years.

To protect your grounds from trespass and damage simply write our home office. There is a local sales and erecting representative near you. Write to-day.

WICKWIRE SPENCER STEEL COMPANY
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Cleveland San Francisco Portland

WICKWIRE SPENCER STEEL CO.

WICKWIRE SPENCER
Chain Link Fence

Good Buildings Deserve Good Hardware

CORBIN

Locks that *guard*

Knobs that *beautify*

Hardware that *lasts*

All good
All CORBIN

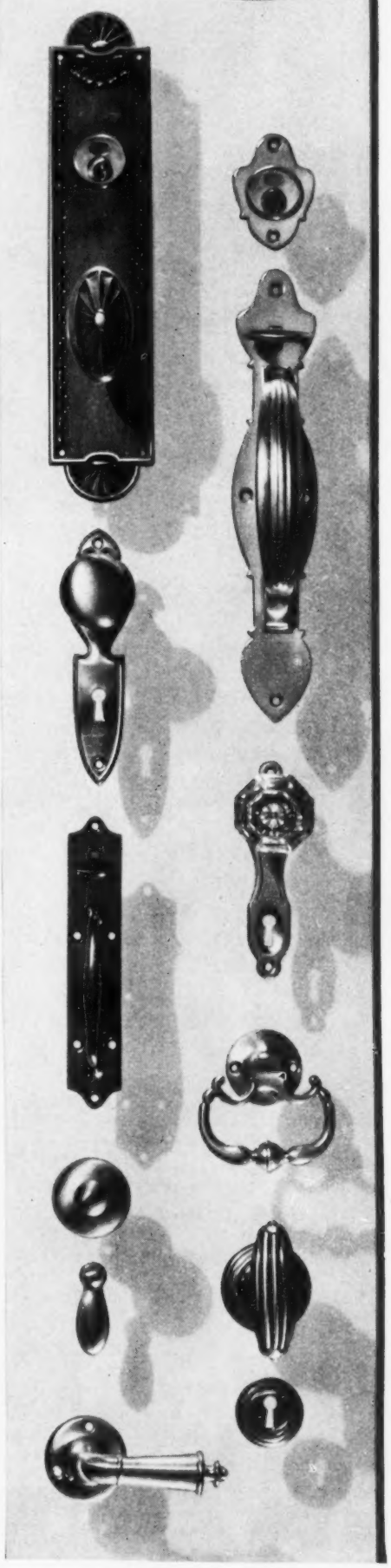
IF you've ever built a home you know how much your comfort for years to come will depend on the hardware you choose today. First—the front door. Surely you want a good impression there! And absolute security as well. Corbin will see to that!

Then the many inside doors—all with locks that must function perfectly—all with knobs that can be seen. These, too, must be in good taste. And will be if they're Corbin.

Even windows require Good Hardware or they'll stick and shriek. Cupboard doors need good latches—or they'll never stay closed. And so on through the entire house—wherever there is a window or a door there should be Good Hardware–Corbin.

Which is why we so frequently say: Remember one word—"Corbin"—and you will be able to forget hardware in your new home the day you move in.

Are you interested in hardware you can forget? That will never need replacing? Then send for "Good Buildings Deserve Good Hardware." Write Dept. H-9 for free copy.



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SINCE 1849
NEW BRITAIN
CONNECTICUT
The American Hardware Corp. Successor
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Residence of W. J. McAneeny, Palm Beach, Florida, equipped in kitchen and pantry with attractive, efficient WHITE HOUSE Units. Tracnor and Fatio, Architects. Ruth Campbell Bigelow, Interior Decorator.

from Park Avenue *to* Palm Beach

When it's time for your Southern vacation and you close your city apartment this winter, what a satisfaction to know that its beautiful spotless WHITE HOUSE Cabinets will be perfect, sanitary and wholesome when you return.

And what additional satisfaction to open up your Southern home and find that its WHITE HOUSE Cabinets have withstood the summer's injurious attacks of dampness, insects and rodents.

That's what *steel construction* means—lasting protection against all the damaging, unsanitary casualties which affect old-fashioned wooden installations.

WHITE HOUSE units—made entirely of STEEL—in spotless white or delightful color are the logical choice for the modern home. Write for gray catalog.

JANES & KIRTLAND, INC.
Established 1840
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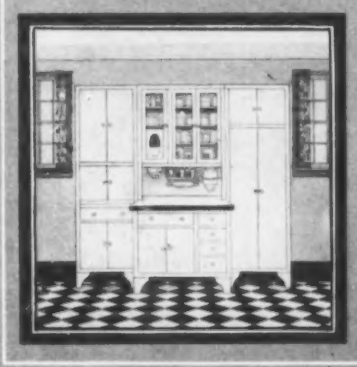
TRADE MARK



is made of Steel!

You can also have WHITE HOUSE standard kitchen dressers, side units, broom closets, sink units and storage closets. Carried in stock for immediate delivery. If your dealer does not carry them, write for green booklet.

PLANTS FOR SEPTEMBER BORDER

(*Continued from page* 174)

before many large specimens will be on the market. When I tried to find *M. conspicua*, I wrote to a dozen nurseries before finding one interested in propagating Magnolias.

None of these shrubs like fierce gales, but if they can be given a situation that has light and air without the gales they develop into more symmetrical bushes.

CLEMATIS

The vines may be omitted, but along a wall or by a gate there is nothing so graceful as a drooping spray of blossoms and leaves to break the regularity.

Two rampant species blooming in late summer are *C. flammula* and *C. paniculata*. They will both grow in ordinary garden soil and compete with other vigorous plants and shrubs; but if the delicate large flowering hybrids are wanted at a gateway, they need specially prepared soil when they are planted with good drainage, an abundance of leaf-mould and some lime mixed with their soil. *Clematis texensis (coccinea)* is very lovely and hardy in Ohio even though it is a native of Texas. Almost closed carmine flowers on a very slender vine growing five or six feet high make it a Clematis well worth the effort of trying. I have read that *C. viorna* and *C. simsi* are purple flowers having the same shape as *C. texensis* and natives of eastern North America, but I cannot find a nursery that makes a practice of supplying them.

ASTERS AND BOLTONIAS

Hardy Asters and Goldenrod in the fields and along the roads of the northern states make the greatest floral display of the year. The amateur botanist is overwhelmed by the vast number of species and often the minute features that are used to distinguish the various species. There are species that are short and species that are tall, small flowers and large flowers, some that grow on arid soil and some that thrive in damp soil, symmetrical flowers and ragged flowers, and white, lavender, and purple ones; and among the better hybrids, colors that nearly approach clear pink and blue.

Our native Hardy Asters are highly prized by English gardeners, who call them Michaelmas Daisies or Starworts. Many choice hybrids have been raised with large flowers and clear colors, but the provident gardener will make foraging trips sometime in September and collect some of the best wild plants. They are so easily grown they can be carefully dug when blooming, the tops cut back and planted at once in the garden beds.

To get the best results, all the Hardy Aster clumps should be divided every two years and replanted at least fifeen inches apart. Their worst fault is that they increase almost too rapidly.

Early in the summer some twiggy branches should be solidly set among the clumps. The plants will hide them very quickly. These supports keep the plants from blowing over, but avoid getting them tied into unsightly bundles which would spoil their graceful effect of bending sprays.

The foliage of some of the species is lovely with midsummer cut flowers, and can be used in the same way one includes the budding branches of shrubbery among spring flowers.

Amellus varieties grow about two feet tall, and are useful for breaking the height of the tall ones. Some of them have very large flowers and begin blooming in August. These lower growing varieties are sturdy and need no staking.

Aster novae-angliae and *novi-belgi* hybrids are taller, some of them reaching five feet, with large flowers in well-divided heads. There are dozens of named varieties, and the plants should be seen blooming in the nursery to be sure that they fill one's individual preferences. Some of them have a graceful branching growth and are excellent for cutting; and all the colors from white, pale blue-lavender, deep lavender, lilac, purple to pink are represented.

Boltonia asteroides is another perennial blooming with the Hardy Asters with pure white Aster-like flowers in large heads. This and the pink variety, *latisquama*, are about five feet tall; and there is a dwarf form, *latisquama nana*, growing only two feet tall. The foliage is a soft gray-green.

JAPANESE ANEMONES

Anemone japonica is considered difficult by some gardeners, but they may have tried to change the habits of the Anemone instead of mending their ideas of what all plants like. In the northern states these Anemones must be planted in spring. They need a full growing season in which to become established; and they love leaf-mould and fibrous compost, and hate lime. Although they will grow in full sun if their other preferences are considered, they will be taller when sheltered from the mid-day sun. An eastern exposure is ideal, that is, having the length of this border north and south.

Excelsior over the crowns will be good winter protection for the Anemones and also *Lilium speciosum*. In the spring, they are late coming through the soil, so do no cultivating near them until they appear.

Plants seldom bloom the first year they are planted, unless a tall price has been paid for large crowns. Once established, they should be left undisturbed.

The varieties Whirlwind and *alba* are pure white and they all have lovely yellow stamens. The pink ones are sometimes a rather chalky color, but they seem to vary in different seasons. Loreley is pale pink.

LILIUM SPECIOSUM

This is one of the greatest favorites among the Lilies—the somewhat irregular form endears it to the artist. The delicate pink shading of the petals is marked with darker spots, the anthers are large, delicately poised and have bright rust-colored pollen.

(*Continued on page* 180)

SCORE: CAVIARETTES 100
Other Sports 0

Athletic and high mental family loses all indoor and outdoor sports except Caviarettes at which pastime all run up tremendous record-breaking average.

The most enlivening opening chorus to a menu is made up of cocktails, caviar and Caviarettes. The Caviarettes supply the stage for the caviar. These are "raised edge" biscuit crisps which hold the caviar, and other tidbits. Fie on fussy preparation!

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At most high grade shops. If you do not locate Caviarettes, send dealer's name and $2 for tin of Au Gourmet Caviar and gay tin of 36 Caviarettes. For $10 we send through your dealer, case of 14 unusual European tidbits, including caviar, Caviarettes, vegetables, cheese, fruit, jams, etc. Address

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One of the swiftest methods of gaining healthful weight was discovered at Battle Creek. And it applies to children as well as adults. Malted Nuts, a vegetable milk, has proved to be extremely effective. This amazing food, so delicious in any form, may be served as a delectable drink, frozen pudding, or eaten dry on salads, cereals, etc. Those who cannot drink cow's milk, thrive on Malted Nuts. Served daily at the famous Battle Creek Sanitarium. Sold by all Health Food Centers—usually the leading grocer. Write for "Healthful Living", a 64 page illustrated booklet describing with recipes the Battle Creek Diet System.

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Really, there is no more enticing flavor than Guasti Cooking Sherry. Ideally suited for meats, fowl, sauces and the like, it transforms simple everyday foods into creations that smack of smart eating places on the Continent.

Why not try it? Take any dish—a common one like pot roast will do. Prepare it with Guasti Cooking Sherry, and you will marvel at the difference.

To prepare Pot Roast a la Guasti—take 3 or 4 lbs. rump, round chuck or brisket of beef, wipe with a damp cloth and roll in flour. Heat 3 tablespoons fat in a deep kettle. Put in meat and brown on all sides; cover tightly and simmer slowly for about 4 hours, turning frequently. After 3 hours, add ½ cup each sliced carrots, turnips, onions and celery and 1 cup GUASTI COOKING SHERRY. *Baste meat frequently with sherry. When roast is tender remove it and vegetables to hot serving platter. Make gravy by adding 1 or 2 tablespoons of flour mixed with cold water for each cup of liquor left in the pan, or new liquid added. Serves six.*

Then you'll want to try other dishes, and there are many of them, both simple and elaborate, fully described in "Treasured Flavors"—a recipe book edited for you by well-known cooking authorities. It is decidedly worth having, and we will send it free for the asking.

But in preparing your dishes, remember the name—Guasti—Guasti Cooking Sherry. It is the same fine sherry that has made the Guasti name famous for years. Merely salt has been added to take it out of the beverage class—yet, *just enough* to season food to suit the average taste.

Then, there are the new *Guasti Wine Jellies*: Port, Sherry, Tokay Burgundy, Sauterne, and Muscatel. An ideal service with roast or game; delicious, too, as a spread.

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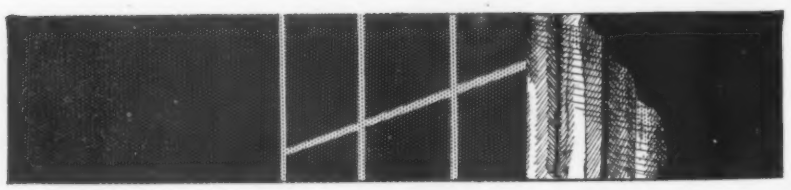

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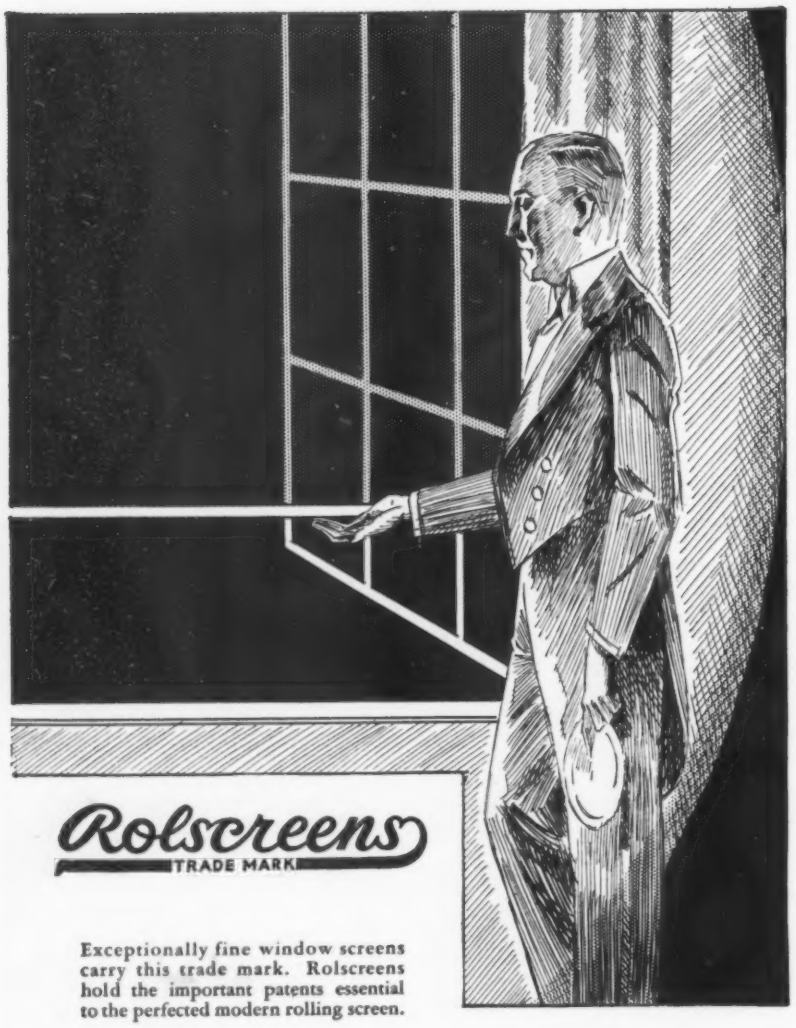

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ROLSCREEN COMPANY
280 Main Street Pella, Iowa

PLANTS FOR SEPTEMBER BORDER

(*Continued from page* 178)

It is one of the stem-rooting species, so the base of the bulb needs to be about ten inches underground with good light soil below that for the basal roots. Good soil does not mean that manures should be used. Sand and leaf-soil or peat are more dependable than old manure with its possibility of fungus growth. The generous supply of sand mixed through the compost and small pebbles and sand directly under the bulb will safeguard it from standing moisture. The present price of Lily bulbs justifies careful planting.

It is fun on a mild day in late October to gently scrape the soil from the stems and collect about a dozen infant bulbs from each stem—the largest will be almost an inch in diameter—and then plant the small bulbs in a specially prepared row in the place for experiments. They will be about two years growing up.

DWARF BULBS ALONG THE EDGE

Colchicums are now seldom seen in bulb lists because of the quarantine, but florists have discovered that these Crocus-like flowers will bloom in early fall if they are set in window sills and they sell them to delight children. Some fanciful name is usually given to the Colchicum they sell—it was called an Autumn Crocus when I purchased mine. Regardless of the means by which we get them, let us be thankful they are again on the market.

Even Bowles in his *Handbook of Crocus and Colchicum for Gardeners* says that "for the botanist their evil ways are numerous indeed!" So after carefully going over the descriptions it is easily understood why I write that I believe *Colchicum agrippinum* is the lavender-pink one usually sold by florists.

When the flowers are very closely examined, the petals seem slightly checkered with deeper color. About six flowers rise from each corm so the flowering season lasts several weeks if the weather is cool. This lavender-pink one has large leaves somewhat resembling Funkia leaves in the spring, but they die away in midsummer long before the flowers appear. These dying leaves are a nuisance and should be cleared off when they have withered. They are large and will overshadow covering plants needed when the Colchicums bloom if the bulbs are set too closely. The flowers when they bloom are only about five inches high, so large covering plants cannot be used, but they need some protection to keep them from being spattered with mud during autumn showers.

I have also acquired a white Colchicum with strap-shaped leaves and smaller flowers. These leaves are not large enough to cause any difficulty among edging plants. I got this white one from an old German woman who knows nothing about botany but much about gardening, and trying to identify it has been hopeless.

Colchicums will increase well in the free light soil recommended for this border. The large corms, about the size of a large Tulip bulb, are easily identified by the projection at the base much like the end of a thumb.

Zephyranthes or Fairy Lilies are still found in some bulb catalogs and the rose colored ones, *carinata* or *rosea*, are very often seen in a collection of old-fashioned house plants. They bloom throughout the summer and can be grown as one would Gladiolus. *Z. Ajax* is yellow and *Z. candida* pure white, but they are not often found now. The bulbs can be tucked into spaces along the edge of a bed in late May and dug again in the fall for storing over winter. They grow six to ten inches high.

When Maiden Pink, *Dianthus deltoides*, blooms in June the deep rose colored blossoms completely hide the mat of very small bright green leaves. There is a white variety, and also one with glaucous leaves.

These mats of Maiden Pink leaves are better along a border edge and as a covering for small bulb blossoms than in the rock garden where small rock plants may be overcome by their advance. Use plenty of sand in the soil, and give them a good clipping after they bloom to keep the plants from growing long lax branches. This is one of the easiest rock plants to raise from seed and is a very useful ground cover. The small gay Pinks are very cheering splashes of color.

Coral Bells are a much nicer common name for Heucheras than Alum Root. These flowers carried in panicles twelve to thirty inches above the tufts of leaves are, strangely enough, not well known in gardens. The light airy effect of the tiny bells is lovely. The only other perennial I know that blooms so long is *Corydalis lutea*.

New hybrid varieties of *Heuchera Richardsoni* and *H. sanguinea maxima* are quite tall, and the color varies from bright scarlet, coral, pale pink to white; but the beautiful leaves, dark green with markings and practically evergreen, are always in a tuft just a few inches tall.

Seed sowing is a very slow method of increasing one's supply, for the seedlings are three years blooming; but tufts of old plants can be separated, each piece with a bit of root, in spring and they soon form strong plants. A packet of seed of a hybrid form brings plants that are surprisingly variable, some with tall stiff stems, some with drooping stems, and all the color variations.

A FEW SPLASHES OF DEEP COLOR

There are always a few vacant places in a border where a few plants can be tucked in and deep purple or pink Petunias can often be added in the spring where some winter mishap has carried off a perennial.

And Violas planted in spring can be treated as annuals and are sure to have quantities of fall blooms. Jersey Jewel is newer than Jersey Gem, and darker. They grow into large clumps in light rich soil, and can be easily divided in early spring. It is always wise to pinch off trailing branches to induce fresh growth.

Having brilliant autumn color somehow brings spring a bit nearer, —a final glow of hope for the new year.

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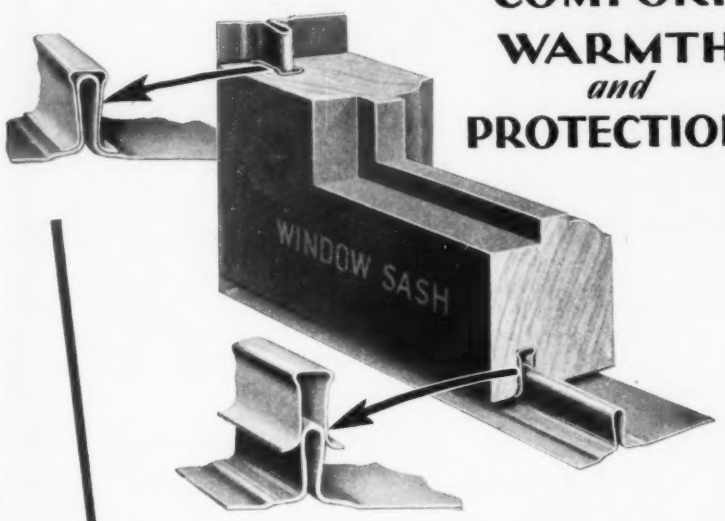

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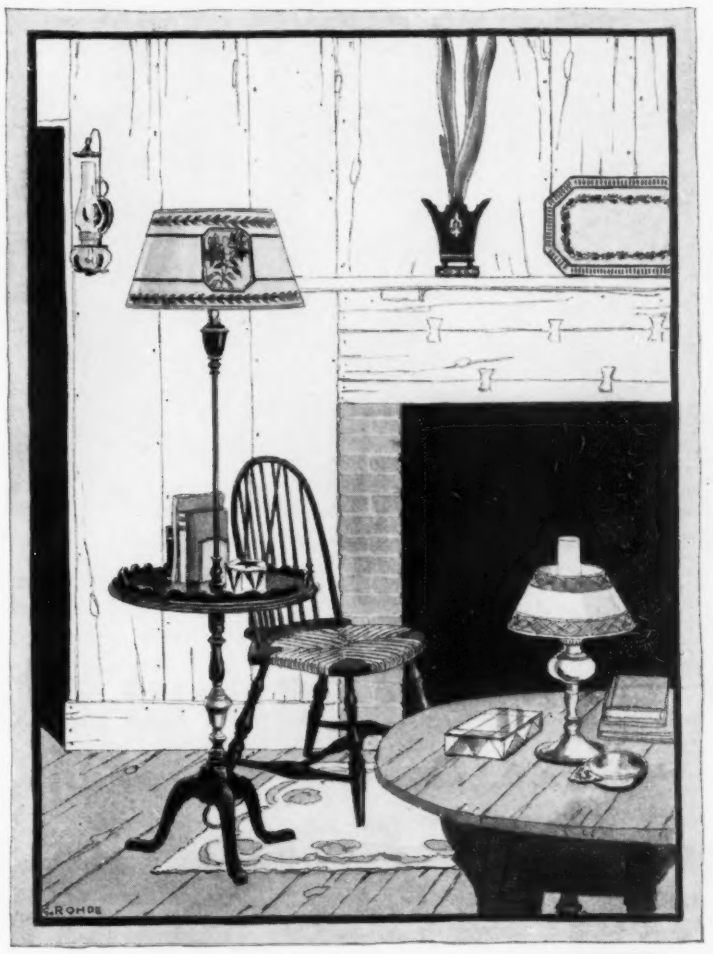

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The fact that Hartmann-Sanders was intrusted with so important a feature as the restoration of the porch and entrance is indeed a tribute to the trained and experienced craftsmen in the Hartmann-Sanders studios. It implies a degree of confidence which, while not uncommon with us, is nevertheless deeply appreciated.

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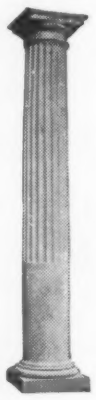
Hartmann-Sanders has published a booklet which will interest those who desire to build homes in the charming Colonial tradition. The booklet illustrates a notable group of entrances of pure Colonial design. Write for the booklet. No charge, of course. Hartmann-Sanders Co., Factory and Showroom: 2165 Elston Avenue, Chicago. Eastern Office and Showroom: Dept. P, 6 East 39th Street, New York City.



HARTMANN-SANDERS

PERGOLAS ✦ COLONIAL ENTRANCES ✦ KOLL COLUMNS
ROSE ARBORS ✦ GARDEN EQUIPMENT

The loggia became such an important feature that as much attention and money were expended upon its decoration as on any of the rooms of the house. A noteworthy detail is the window embrasure with its seats

DEVELOPMENT OF THE LOGGIA

(*Continued from page* 115)

square or hexagonal piers supporting pointed arches. In the country a very simple loggia was built with hewn timbers for uprights and brackets placed laterally supporting the architrave, much as our porches and piazzas were constructed. The loggia rarely, if ever, projects beyond the main walls of the house, being recessed into the general fabric as an open air room. It is now very often located at the principal corner of a house, so as to command a double view. In this way two very important architectural elements are secured: first, solidity and permanency, being an integral part of the building and its construction; secondly, it becomes a great motif of interest in the composition of the façade, rather than an adjunct built on afterwards, as is so often the case in our small suburban houses of poor design.

One may make a long and imposing list of famous loggias of Italy, and in recalling their names to memory, the perfume of their romance will make more poignant still the tragedies and triumphs that were looked out upon from between their fluted shafts: The loggia dei Lanzi of Florence and the burning of Savonarola; the loggia of the de' Medici and the great Lorenzo's Athenian gatherings; the loggia of Raphael and the Borgias gloating over their arriving victims; Romola reading to her blind father, overlooking the Arno; and another that is decorated by one of the most beautiful stuccoes in the world, the great loggia of that sad and deserted magnificence, the Villa Madama—and so the list could go on.

When all is said and done, the most beautiful loggias of all are to be found again and again in the paintings of the great masters, Fra Angelico, Pinturicchio and Perugino. In their Annunciations and Last Suppers, seeking to pick the most beautiful setting, they have chosen their beloved loggia or one that they dreamed of, it seems as the most natural background for this intimate scene and friendly gathering.

THE GRACE OF BIRCHES

(*Continued from page* 172)

It is strange that the foliage of all the Birches changes to shades of yellow in the autumn. But in none is the tone richer or purer than in the Cherry, or Black Birch *(B. lenta)*. This is a very common tree in the forests of eastern North America, growing from sixty to eighty feet tall with a trunk from six to fifteen feet in girth. The branches are relatively slender, spread horizontally, and are pendulous toward the ends, forming an open, narrow bell-shaped crown. The bark is smooth, firm, dark brown—almost black—tinged with red beneath, and on old trees furrowed and cracked into thick irregular plates. The black trunks are sombre and in strong contrast with the gray of Oak and Maple and the white of the Canoe and Gray Birches among which it grows. In autumn its splashes of pure yellow illumine the forests. By fermenting the sugary sap of this tree the Birch Beer of the Indians and early colonists was obtained and by distillation is yielded an oil which was used medicinally.

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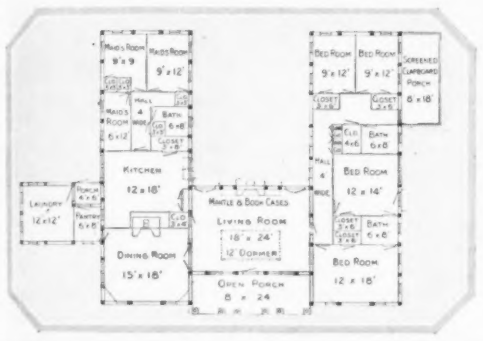

The beauty of a Hodgson House involves more than graceful symmetry of line and contour. Complete simplicity lends the added beauty of *fitness* . . . the quality of harmonious blending which make a house architecturally "at rest" in a wild or picturesque environment.

Best of all, consider the ease with which your Hodgson House springs up, without fuss or ado. We build it in sections, and ship it to you ready to erect. With the aid of local labor, and *without* the bother of contractors, estimates, delay, and extra expense, you have your vacation home ready to occupy almost before you know it. If you prefer, we will send a Hodgson construction foreman to supervise all details of erecting. The usual terrors of building have no place in the Hodgson scheme.

The finest materials are used — weather-proof cedar and selected Douglas fir. The sections fit tightly together, held rigid by heavy key-bolts. Storms will not disturb a Hodgson House; it will last for years without repairs.

Our free booklet G gives a wide selection of plans, pictures, prices. It also shows furnishings, garages, dog kennels, poultry-houses, etc. Send for booklet today. Write to E. F. Hodgson Co., 1108 Commonwealth Ave., Boston; 6 East 39th St., New York City. Branch office, Bradenton, Florida.

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From time to time Color Pages appear in this magazine showing Weatherbest Stained Shingle Homes in actual colors. These half-tone illustrations are typical of many Weatherbest Homes shown in a Portfolio with color key that enables you to visualize different combinations for sidewalls and roofs.

Write today for Color Chart and Portfolio of Photogravures mentioned above. Send 10c (stamps or coin) for postage and handling. If interested in modernizing a home growing old, check coupon for booklet, "Making Old Houses Into Charming Homes."

Ask your lumber dealer for prices: many dealers carry standard colors in stock. Weatherbest Stained Shingle Co., Inc., 845 Island St., North Tonawanda, N. Y. Western Plant—St. Paul, Minn. Distributing Warehouses in Leading Centers.

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DRAPERIES-SUN AND TUB FAST

HOUSE & GARDEN'S BOOKSHELF

SOUNDING STONES OF ARCHITECTURE. By Philip N. Youtz. New York: W. W. Norton & Co.

"TAKEN in its whole range of meanings, the word art is practically synonymous with civilization," says Mr. Youtz in his book on the philosophy and esthetics of architecture. * * * "Of all arts, architecture most fully reflects every phase of civilization. It is an organic part of social existence. It is at once a practical art, a science, and a fine art."

Here is a series of essays so easily written that valuable information is absorbed in a pleasant way while you imagine that you are simply being entertained. It is difficult to say which of the chapters is the most interesting: Function, Structure, Materials, Style, Design, Construction, and Aesthetics, for each is charmingly handled and the author's style itself a thing of delight. The chapter upon Symbolism contains a delightful description of Périgueux in southern France, that city whose architecture covers most of the historical periods.

"Not Michelangelo but the whole renaissance produced the dome of St. Peter's." This is delightful, even though the writer speaks with such a note of absolute authority that no one would have the temerity to argue any single point with him.

"To be sure, history would be less difficult for the novice if each age evolved and followed a style unlike that of any other. But the history of style in architecture is one long confession of imperfect mimicry in spacial expression. The Greeks may have copied the column from the Egyptians. The Romans copied the Greeks. The medieval Romanesque style, as the name implies, was a rude copy of Roman work. Gothic architecture copied Romanesque. Then came the renaissance which recopied Greek and Roman styles. So we might continue to the present, showing that no style has ever been autonomous. Our present incurable classicism is but the symptom of a chronic disease common to spoken and spacial language, not a new affliction." G. G. G.

FLOWER SCENT. By F. A. Hampton. London: Dulau and Company.

TAKING as a prefatory quotation "Intellectually, we know, smell does not rank so highly as the other two senses, but it is, on the other hand, more emotional, and stirs the mind more deeply than seeing or hearing," and recognizing the fact that "the olfactory impressions have not been built up into an art" the author aims to make accessible to gardeners and the general public the results of researches made in his field by perfumers, chemists and botanists. He shows, succinctly and clearly, how the various flower scents consist in essential oils, and in this he presents stimulating hints: There is antiseptic virtue in the exhalation of the essential oils, virtue made use of in therapeutics formerly and which ought perhaps to be taken advantage of more today; Geraniol (now used as the lure in the baiting of the Japanese beetle) is the chief component of attar of Roses, and that condemns the growing of roses in gardens under the spread of this new pest—(may it lead to the manufacture of a poison that the beetle will eat?); the strength of a flower's scent is in proportion to the mass of the petal substance, which is of course increased by the doubling of the petals also, and hence the breeder of plants may arrive at an idea in his endeavoring to improve the fragrance and to impart it to flowers that have it not or are just beginning to yield it to us, like the Gladiolus and the Delphinium; great intensity of fragrance is to be sought among flowers that are white and naturally therefore among the night blooming and the crepuscular, with the red, that come next, lagging quite far behind; bees, having little appreciation of scent, and relying upon color, are satisfied with purple, violet or blue.

But most delightful is the chapter on "Scent in the Garden", wherein is told how to have agreeable fragrance from various types of plants. F. B. M.

FOUNDATION PLANTING. By Leonard H. Johnson. New York: A. T. De La Mare Co.

A BOOK of this type has long been needed by the innumerable owners of modest homes who, it might be said, almost without exception appreciate the advantages of planting around the house, and by the nurseryman who even when he is familiar with the house around which the planting is to be done in too many cases is apt to lack the knowledge and the good taste requisite for happy success. The house owner and, for obvious reasons, some nurserymen or their agents are prone to overplant. The nurseryman's traveling salesman, in particular, using this book would be more certain ultimately to give satisfaction to customers than he usually does in the matter of adorning small residential areas. For it is a practical working handbook with more than 200 reproductions from photographs of plantings at the entrances and around the foundations of houses in various towns scattered through the eastern and the central portion of our country.

To enable him to reproduce the desired effects there is appended to nearly every photograph a diagram that plainly names and locates each specimen. Occasional imperfections in the photographed plantings are criticized and improvements suggested. Still further to guide in adapting any selection or arrangement the available material is described with pictured illustrations of the most frequently used specimens, under the heads: Coniferous Evergreens, Broad-Leaved Evergreens, and Shrubs, as an appendix. Deciduous shrubs in general, it is gratifying to note, are recommended for many places in which the more formal and "heavy" and expensive evergreens are really not appropriate. Prefatory chapters written by the able Mr. Frank A. Waugh of the Massachusetts Agricultural College, by Mr. Peter J. van Melle and by Mr. D. Hill, of Illinois, give to amateurs the essentials of the landscape art as it relates not only to small home grounds but also to School and Factory Planting. F. B. M.

EMBARRASSING MOMENTS

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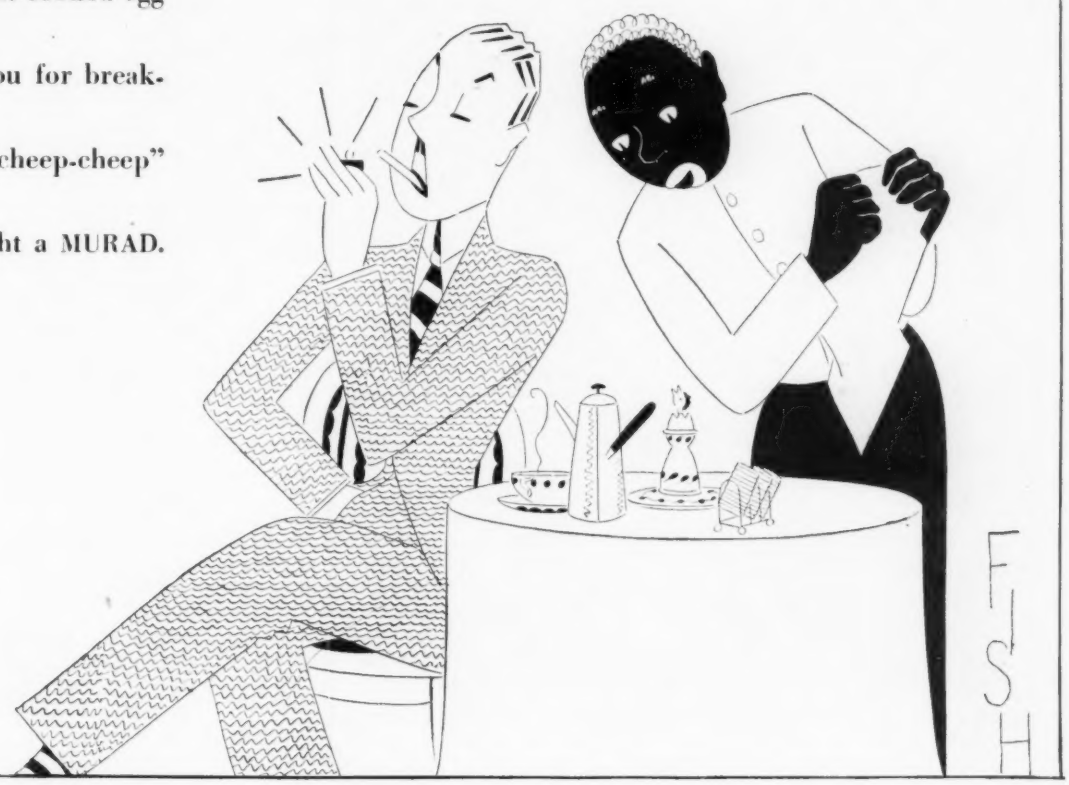

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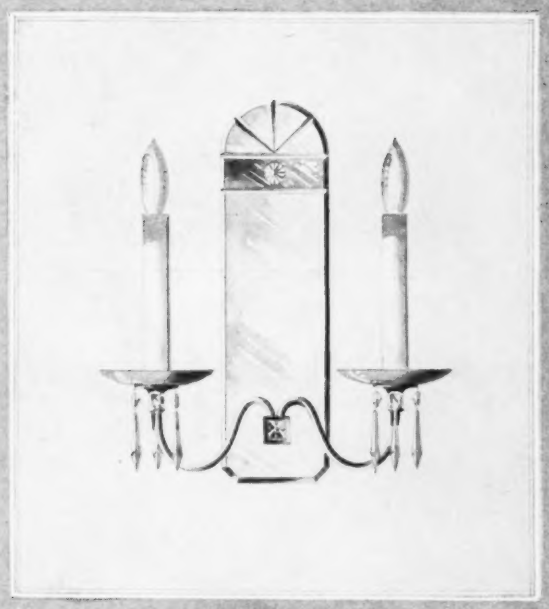

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The companions of the Showy Ladyslipper are Flowering **Ferns** *and little Sundews*

AMONG NATIVE ORCHIDS

(*Continued from page* 113)

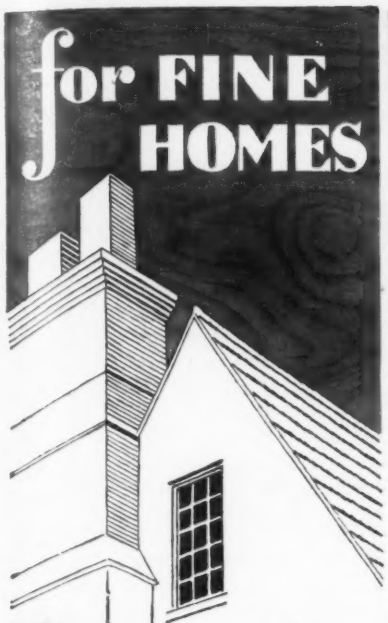
soil from some Oak or Hemlock forest to prepare a bed for them a foot or eighteen inches deep; or Oak leaves, bits of wood and bark, Hemlock and Pine needles may be piled together in a by-place to rot, thus producing the sort of soil mixture in which the acid-loving plants find health and comfort. Depth and coolness and acidity are the need of most of them. A few require actually boggy conditions, a few frequent dry hillsides, but the acidity is always present whatever the other conditions. In the rock garden pockets of the proper soil may be prepared for them on the north side of a boulder, but in this case the soil must be frequently looked to and kept acid by the addition of top-dressings of rotted Oak leaves or Pine or Hemlock needles.

Of all the Orchid clan the Ladyslippers are the unquestioned queens. They are the showiest of all the Orchids of our Northern woods and hold their supremacy easily. How strangely and wonderfully are they made—the highly colored, lightly blown pouch, the sepal that sweeps like a banner up-

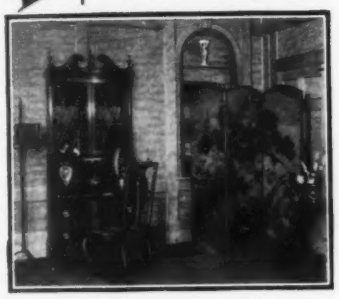
(*Continued on page* 188)

Rattlesnake Plantain, Goodyera repens, is remarkable for the beauty of its leaves, which grow in rosettes

Nodding Ladies Tresses, Spiranthes cernua, is a quaint little Orchid, growing a few inches high and carrying spikes of fragrant, ivory colored flowers



Colorful birch INTERIORS



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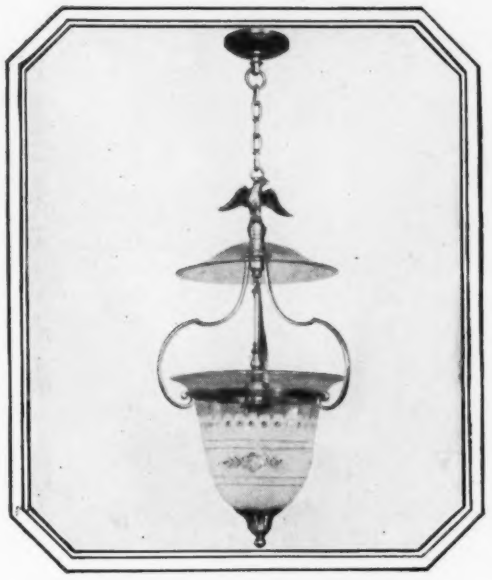

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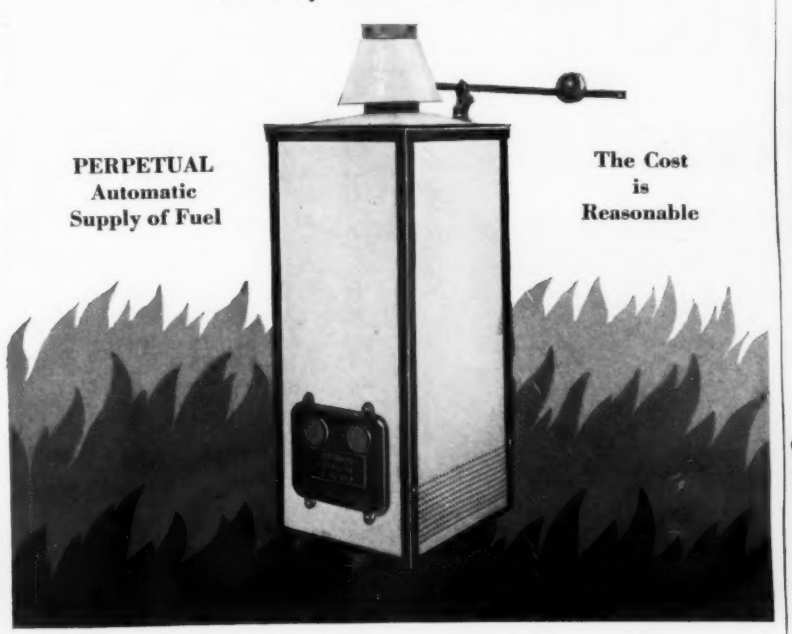

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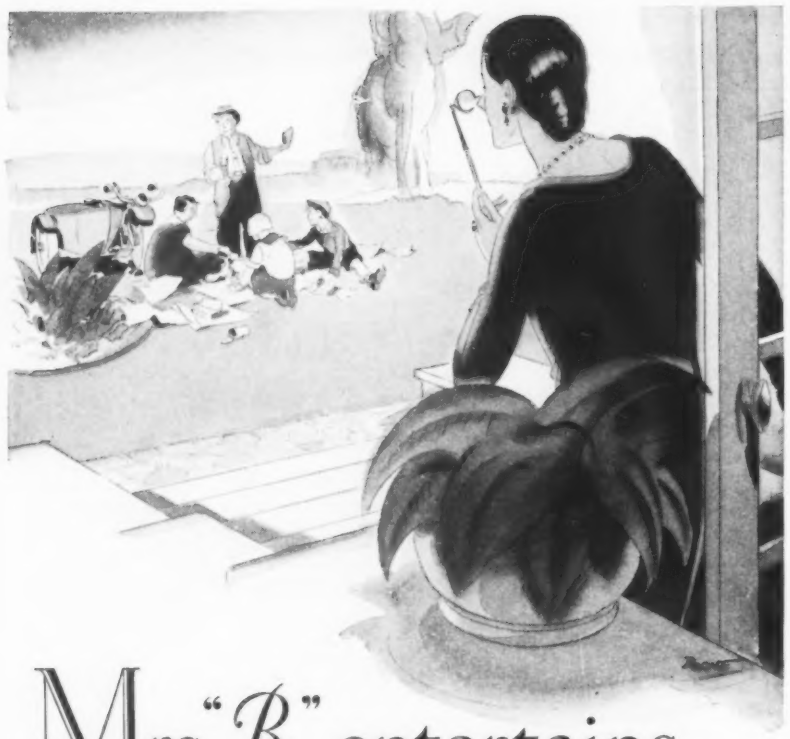

Mrs. "B"..entertains ...unexpectedly

ALL summer long Mrs. "B" has been compelled to receive these unexpected and uninvited visitors. Her normally serene personality has been ruffled each week-end and holiday.

And she has had ample reason to be vexed. After each visit these picnickers leave her beautiful lawns covered with offensive rubbish. Her flowers are trampled; her shrubs damaged beyond repair.

However, it will not happen next summer. Picnickers and all other unwelcome persons are to be firmly barred from the "B's" property. Last week an Anchor Fencing Specialist called by request, and next week trained erectors are to enclose the whole property with a trim and sturdy Anchor Chain Link Fence.

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ANCHOR *Fences*

AMONG NATIVE ORCHIDS

(*Continued from page* 186)

wards behind it, the petals that stream like ribbons at right angles to the banner. No flowers known to me are so exquisitely constructed. The name, Ladyslipper (Slipper of Our Lady), was bestowed long ago in Europe, where a yellow-flowered form is common, because of a fancied resemblance between the pouch and the toe of a slipper. Our colonizing ancestors, who lived precariously at the edge of the great American forests and must have been amazed at the numbers and variety of these flowers, called them Moccasin Flower, and this is the name we should use in the good cause of preserving our own folk names.

TWO YELLOW FORMS

There are two yellow-flowered Moccasin Flowers, *Cypripedium pubescens* and *C. parviflorum*, and both are more easily satisfied in the garden than the white or pink kinds. They are delightfully sprightly things, with one or two blossoms fluttering lightly above the bright green oval leaves that clasp the stems, their upper petals flying wildly. The Large Yellow Moccasin Flower, *C. pubescens*, is found in woods and thickets of the east as far south as Virginia. The flying petals and the banner are greenish-brown, the large pouch pale yellow stained with wine-purple. It has a curious odor, somewhat reminiscent of oil. The Little Yellow Moccasin, *C. parviflorum*, is rarer but has a somewhat wider range. Its leaves are narrower, its breath sweeter, its flying streamers more fantastically twisted, its neat little pouch, seldom more than an inch in length, a richer gold and more distinctly marked with wine-color. Both thrive under deciduous trees or in a ferny border on the north side of a wall, seeming not to demand the degree of acidity necessary to the others. They increase and prosper and are a source of perpetual delight in the days of late May.

To the Pink Moccasin Flower one pins one's faith with less certainty. Often when we have prepared a place for it with every possible consideration, it will, though apparently satisfied at first, most unaccountably disappear. I suspect we are not wild enough company for this gypsy. In nature it is a wanderer, dwelling chiefly in dry or moist woods where great Pines and Hemlocks create a green gloom. But occasionally it haunts sunny hillsides, or swamps, and is sometimes to be found in the clefts of rocky cliffs. This apparent catholicity of taste is misleading. It does not mean that the Pink Moccasin will accept anything we have to offer in the garden. It simply means that extreme acidity of the soil is its one prime necessity, and where this is present it can afford to be indifferent to other conditions.

To come upon a colony of this largest of our Moccasin Flowers grouped about a rotting stump in some shadowy glade is a really startling experience. What can compare with the pride and grace of their bearing, with the exquisite color of the deep veined pouch! And if you have such an experience do not forget to bow yourself before it and sniff its delicious fragrance.

The Showy Moccasin Flower, *C. hirsutum*, once so happily named *C. reginæ* which is at home only in deep, cool and always moist soils, is an exquisite thing. The stout leafy stem rises fully two feet in height, clasped by bright green leaves, and topped by two or three blossoms, large, deep-pouched, milk-white, and of so transparent a texture that the deep mauve stains within the pouch show through the delicate walls, producing a rosy glow. Its companions in the wild are Flowering Ferns and the little Sundew; its natural home the cool interiors of mountain forests and wet woods from Nova Scotia to Georgia. If we can approximate the conditions under which it grows in nature, this beautiful Moccasin Flower will remain our guest indefinitely. June is its season of bloom.

Two more Cypripediums remain to be mentioned; the little Ram's Head Orchid, *C. arietinum*, the rarest of them all, and the lovely *C. candidum*. The Ram's Head, I have never seen. In northern New England, New York and in Minnesota it is said to grow shyly in cold damp woods, or under Pines or Cedars, blooming from May until August according to locality. It is a small thing, less than a foot in height, with oddly shaped blossoms, fragrant, and with greenish-brown upper petals and a small reddish-violet pouch. *C. candidum* throve in my garden for a number of years, but was finally crowded out of my tiny wood by more pushing aspirants for a footing. It, too, is less than a foot in height, but charmingly erect and slim. Its clasping leaves are narrow and pointed, the flying streamers and the banner lightly twisted and pale fawn-color, the delicately blown pouch the color of a pearl. Each stem carries but a single flower.

The small White Moccasin Flower likes something closely resembling a bog, but it will do very well in a shaded situation in the deep and perpetually damp vegetable soil before spoken of.

ORCHIS SPECTABILIS

The Spring Orchid, *O. spectabilis*, lays claim to the gardener's attention because of its spike of gay flowers. There may be from three to ten blossoms on the short stem that rises from between the two broad dark green leaves. The flowers are hooded and lipped and bright lilac and white in color. The Spring Orchid is a difficult plant to tame unless its natural surroundings are fairly faithfully reproduced. It is found in rich woods where the soil is moderately acid, anywhere from New Brunswick to Ontario and Minnesota and as far south as Georgia. It blooms in early May.

The Habenarias, or Fringed Orchises, are among the loveliest and most colorful of the Orchids. The flowers, curiously spurred, and misty with delicate fringes, grow in a crowded spike at the top of a tall stem. The Yellow Fringed Orchis, *H. ciliaris*, is rather an uncommon plant.

(*Continued on page* 190)

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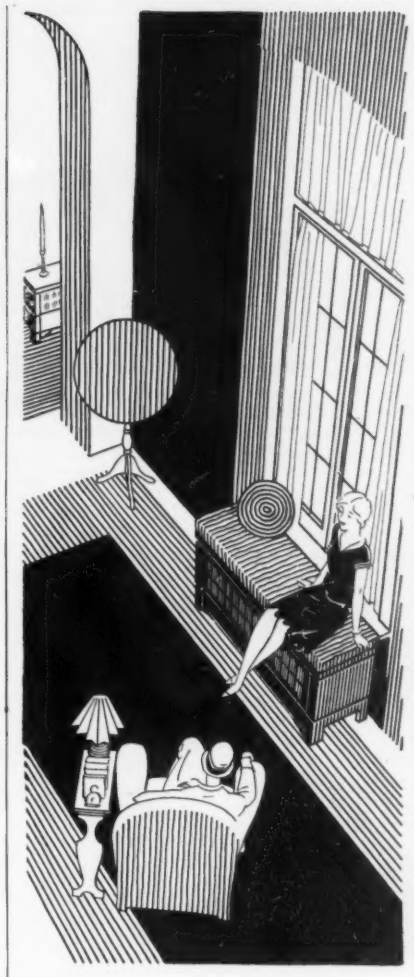

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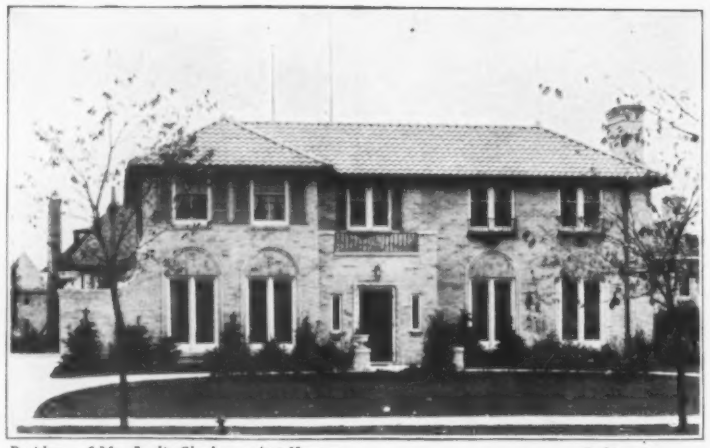

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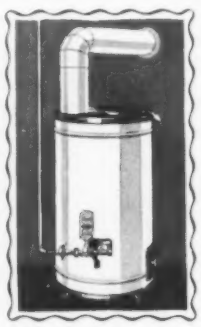

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AMONG NATIVE ORCHIDS

(*Continued from page* 188)

Its color is orange, not yellow, and one is delighted indeed when it reveals itself in some moist meadow as a flaming wedge of color. This lovely Orchid does not require shade, and will grow happily in dampish sandy places provided moderate acidity is present, or on the banks of streams. The White Fringed Orchis is very similar to it, but forms a dense round-headed spike of pure white flowers. It haunts sphagnum bogs in the East and is occasionally found in sandy depressions along the coastal plain where continuous dampness is to be counted upon. It blooms somewhat earlier than its orange-flowered relative. The Purple Fringed Orchis, *H. psycodes*, is lower growing, and boasts a slender wand of fluttering lilac-pink blossoms, "fringed like the eyelashes of a houri", that are fragrant and delightfully gay. It blooms in summer and is found in meadows, swamps and wet woods where the soil is of medium acidity. The Habenarias are all delightful, and are fairly easy to establish in cultivation if attention be paid to their need of root moisture and acidity.

Three lovely little Orchids of the bog are Arethusa, Rose Pogonia and Calopogon. They are all three pink in color, and most daintily and beautifully fashioned. The first, *Arethusa bulbosa*, grows from a tiny bulb, and so lightly is it poised upon its grass-like stem that it appears to flit like a pink butterfly over the salt marshes, Cranberry-bogs, and mountain swamps that it haunts. The Rose Pogonia, *P. ophioglossoides*, with its single gaping flower, and the Calopogon, *Limodorum tuberosum*, with a lightly carried terminal spike of fragile pink flowers, foregather together in boggy meadows all down the coast, flowering in summer. These we may not lure to the garden unless we can offer them a bog, and an acid one at that.

The curious little Orchids quaintly known as Lady's-tresses must be familiar to all who wander up hill and down dale in country neighborhoods during the summer and early autumn. There are a number of kinds, all small things but a few inches high with crowded spikes of twisty ivory-colored fragrant blossoms. The most conspicuous of the species is *Spiranthes cernua*, growing somewhat taller than the others and blossoming later.

These are but a few of the many Orchids that inhabit our Northern woods, but they are the showiest and most desirable from the gardener's point of view. Those who delight in beautiful leaves may like to collect the different species of Rattlesnake Plantain, (*Goodyera*) that are to be found in various parts of the country, east and west. These are most interesting and make beautiful masses of leaf-rosettes beneath trees where the soil is acid. The flowers are of small account.

GARDEN ROSES FOR THE EAST

P. M. KOSTER

IN writing down this list of Roses I felt as the judges must feel who have to select a young lady to represent their town or their county in a beauty contest. My task was considerably lighter than theirs, however, as I had seventy beauties to select from four distinctly different groups not competing with each other.

In this short article are given the most desirable varieties of the following groups only: Hybrid Teas, Hybrid Perpetuals, Polyantha or Baby Roses and Hardy Climbers. There were other groups clamouring for attention: The Irish Singles, Tea Roses, Noisette Roses, Bush Roses, Moss Roses, etc., but they will have to be taken up at another time.

In choosing the varieties for the four groups I have been guided by my own experience as a Rose grower and by the information from the best known experts. About ninety percent of the Roses listed I have watched through several seasons; the other ten percent are sorts which I know will be right, judging by the names of the originators, the distributors, the parents of the Roses and their description.

The list contains some Roses of recent introduction; out of the great quantity of new originations sent out every year by hybridizers only very few survive, but it is thanks to the work of these specialists that we have Roses today like Rev. F. Page-Roberts, Wilhelm Kordes, Etoile de Hollande, Dame Edith Helen, etc.

There is a praiseworthy movement on foot to eliminate older varieties for better, newer sorts. It may be true that some of the older varieties have merits, but if the newer ones are better, even if not on all points, the older ones should be discarded. A catalog of one of the largest Rose growers in this country contains over one thousand varieties. Nobody who has not grown Roses can realize what it means to grow one thousand varieties, to cut the budding wood, to label them correctly in the field, not to mix the varieties when storing the plants and when shipping. For the buyer, too large a collection presents a real puzzle.

I fully appreciate the fact that in different locations, in different soils and under different climates, Roses show up differently. But for the benefit of everybody concerned the number of varieties grown can be cut in half without any danger of horticultural poverty.

Planting instructions are found in every up-to-date catalog but are seldom carried out right, as is shown by the results obtained with Roses in the majority of cases. They are really simple. You dig the beds deep, 2′ to 2½′, in order to provide perfect drainage; throw out poor soil and replace by rich, well manured soil,

(*Continued on page* 192)

This One Moth lays 50 Unseen Eggs in your home

usually in the folds of clothing and bedding made of wool, silk, fur or feathers. Then when her young (tiny moth worms) hatch out in a few days they will have nourishment. And how they do eat! Each twelve months they do 200 million dollars' worth of damage in American homes. The only way to prevent this loss is to prevent the moth.

SUPERCEDAR CLOSET LINING *is the moth's natural enemy*

Here is protection against Moth damage. Install it in your home.

New and effective: A Supercedar Storage Closet for your attic. We send (free) plans and specifications. Your lumber dealer supplies the Supercedar Closet Lining and other materials. A carpenter puts it up quickly. Or, line walls, ceiling and door of bedroom closet with Supercedar. The aroma of genuine "Tennessee" red cedar is stifling to moth and moth worm. Supercedar is guaranteed 90 per cent or more red heartwood, the part that contains the natural oil of cedar. We seal it in trade-marked boxes for your protection.

Send for "The ROMANCE of Tennessee Red Cedar"

A colorful history of this wonderful wood with the famous aroma. Free. Write, Geo. C. Brown & Co., world's largest manufacturers of Tennessee aromatic red cedar lumber, Memphis, Tenn.

In sealed BOXES like this

Guarantee: Brown's Supercedar Closet Lining is guaranteed 90 per cent or more red heartwood. Scientifically cured to retain 100 per cent natural oil of cedar that gives off aroma.

Brown's SUPERCEDAR CLOSET - LINING

Courtesy of JOHN WANAMAKER, Philadelphia.

An extremely interesting and comfortable interior has been created with furniture from the Workshops of Shaw, in this Living Room on A. J. Fay's House Boat "Freedom", although the necessarily odd proportions of a boat make this a very difficult problem.

SHAW FURNITURE COMPANY

ESTABLISHED 1780

Specialists in Furniture Made to Order

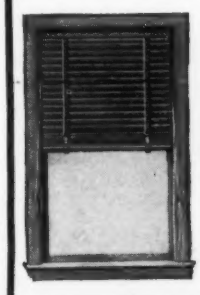
SHOWROOMS AND FACTORY: 50 SECOND STREET—CAMBRIDGE, MASS. NEW YORK SHOWROOMS: 730 FIFTH AVENUE—HECKSCHER BLDG.

Write for our Booklet "H".

Shaw Furniture must be purchased thru a Decorator or Dealer.

In Fine Homes Abroad

as well as on this side of the Atlantic, you will find Burlington Venetian Blinds add charm and distinction to the residence where they are installed.



Burlington Venetian Blinds are finished to order in any color to match your interior. As in the photo at the left the slats may be adjusted at any angle to give the desired amount of light or ventilation. Mail coupon for information.

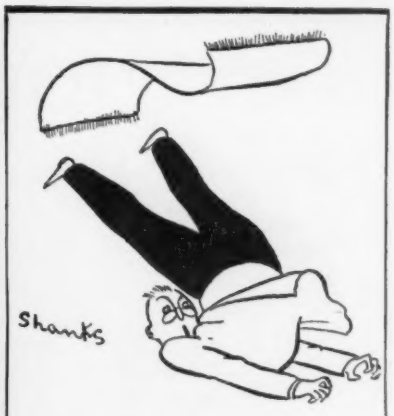
BURLINGTON VENETIAN BLINDS

BURLINGTON VENETIAN BLIND CO., 280 Pine St., Burlington, Vermont.

Gentlemen:—Without obligation on my part please send me catalogue and information relative to your blinds for (check which) Home, Church, School, Public Bldg., Office, Factory or Clubhouse, with approximately ..... windows.

Name .....

Address .....



There's many a slip for Scatter Rug Skaters

NO wonder they call them scatter rugs. They're never where they should be. But with the Duro Gloss Rug Anchor for rugs they're always in place—and you are always safe.

Duro Gloss Rug Anchor can be cut to fit any sized rug. The crepe rubber surface will hold the slipperiest rug firmly in place—and keep it there. No tacking or sewing to do; nothing to mar the finest floor.

Your rugs will wear longer too. Duro Gloss Rug Anchor acts as a cushion under pounding heels—gives longer life to you and your rugs.

If your dealer doesn't carry it, send the coupon.

Duro Gloss **RUG ANCHOR**

HG 9-29

J. C. HAARTZ CO.
New Haven, Connecticut

Please send me a piece of Duro Gloss Rug Anchor, size 18"x 27" to use under one of my small rugs. I enclose a dollar.

*Name*_____

*Address*_____

*City*_____ *State*_____

I Grow Only the Very Finest Varieties of Irises

My space is limited and I must therefore move certain stocks to make room for the propagation of new varieties. My necessity is your good fortune. The labor saved in putting up this RAINBOW COLLECTION without labels enables me to furnish the utmost in value at the minimum cost. Some of them are quite fragrant. Last year many $1, $1.50 and $2 varieties went into this collection. For those who would like a garden full of fine flowers *in all the colors of the rainbow*, but do not wish the extra care of keeping them separate, this is a real opportunity and a great bargain.

RAINBOW COLLECTION

40 Choice Varieties, without labels for..... $ 5.00
100 Choice Varieties, without labels for..... 10.00

JAPANESE IRIS

I have a wonderful collection of these gorgeous beauties, some of which are almost as large as a dinner plate. There are singles, doubles, selfs, mottled and striped effects, soft tones and the most brilliant colorings, in a wonderful array.
I will furnish 25 Assorted Plants, without labels for..... $6.00

SIBERIAN IRIS

Many eminent authorities consider these the finest of all Iris. They are easy to grow anywhere, in the garden or by the waterside and are fine for naturalizing. Free flowering and exquisite for cut flowers.
10 EMPEROR (the finest purple). 10 SNOW QUEEN (the finest white).
10 of another choice variety, my selection.

Total 30 plants, all properly labeled, for $6.
100 plants in 10 varieties, my selection, labeled, $18.
50 Fine Siberian Seedlings in Assorted colors, without labels, $6.00.

Early Iris Garden Collection

The varieties I will furnish in this collection bloom from two to three weeks ahead of the regular Iris season. You'll get a great thrill out of *an early Iris garden*. This collection will include only choice varieties, in a good range of colors; varieties that are exceedingly free flowering, hardy and easy to grow. You'll be surprised at the great beauty of *an early Iris garden*.

25 Plants in 5 Choice Varieties, my selection, all labeled..... $6.00

Dwarf Iris Collection

These Miniature Jewels are especially adaptable to the rock garden, or for planting in the border in front of the taller varieties. They bloom in the early spring, just after the crocus have finished flowering; and come at a time when flowers in the garden are so much prized. Only choice varieties will go into this collection.

25 Plants in 5 Choice Varieties, my selection, all labeled..... $6.00

ROBERT WAYMAN, Box P, Bayside, Long Island, N. Y.

CHRISTMAS CARDS BY

CHRYSON'S

Distinguished by smartly individual designs and exquisite hand engraving. To avoid duplication only a limited number of each design are printed. Write for the name of our personal representative in your city. When in California visit Chryson's . . . unlike any other store in the world

7000 HOLLYWOOD BOULEVARD
HOLLYWOOD · CALIFORNIA

GARDEN ROSES FOR THE EAST

(*Continued from page* 190)

for Roses are gross feeders. One-third of rotted cow manure and two-thirds of soil is not too rich. Just before planting, dip the roots in water so that the soil will touch wet roots. Plant deep enough to have the union (the place where the Rose has been budded) just below the surface of the ground, and give a heavy mulch. Four inches of peat moss makes an excellent mulch, or three inches of rotted cow manure; if you object to the sight of the manure, cover it with two inches of soil. The mulch prevents the moisture of the soil from evaporating; stir up the surface of the mulch every now and then and give water only when the plants show they need it. Roses hate cold, wet feet.

Several Rose-growers are offering plants grown in pots for late planting. They are very useful where, for some reason or other, planting cannot be done before May or June—too late to use dormant Roses. Roses in pots are often planted like Geraniums, in a hole just about large enough for the pot-ball. Such planting inevitably leads to failure unless the beds have been prepared the same way as for planting dormant Roses.

Against Black Spot and mildew, dust with "ninety-ten" (ninety parts of sulphur and ten parts of lime) obtainable in every insecticide supply store, starting as soon as the foliage develops and repeating every week. There are numerous insecticides in the market against aphis; against caterpillars riddling the foliage, dust with arsenate of lead.

Hybrid Tea Roses must be cut back in the spring four or five inches from the ground; all the thin wood must be removed and only four or five prongs left. The vigorous shoots which often emerge from the ground during the summer must be preserved; such shoots are the means of rejuvenating Rose bushes. If cut back in the Spring they form a new part to the Rose for which one of the older branches can be removed. If you wish to secure a continuous crop of flowers, the branches which have borne flowers must be cut back severely as soon as the flowers are withered.

From the Climbing Roses of Rambler type, flowering with trusses of small flowers, the worn-out branches must be entirely removed before the plants start growing. After the Roses are through flowering, remove the branches which produced the flowers and keep the strongest of the numerous branches which come from the bottom; these young shoots will bring flowers the year after. Do not keep too many shoots; if there are too many, the flowers do not develop properly.

It really is a great exception to see well kept Rambler Roses on porches, arbors or fences after they have grown for a couple of years. They are unwieldy and too dense, the foliage is unhealthy and mildewed, the flowers small and off-color. They have never been pruned properly.

A very efficient way to prune Rambler Roses is to detach them from their supports and let all the branches bend down in as horizontal a position as they will assume. It is not difficult then to cut out what should be removed; the remaining canes can then be tied to their support.

The Climbing Roses with large flowers should be pruned differently; they require pruning before they start growing in the early spring and after they have flowered. Such Roses will produce large flowers on the older canes, on side shoots; after the side shoots have bloomed they must be shortened. Old worn-out canes must be cut out in the spring and replaced by young canes which have been purposedly left the summer before; the superfluous young canes must be cut out.

Baby Roses must be cut back severely and thinned out in the early spring; do not leave too much wood.

HYBRID TEA ROSES

Red—Ecarlate; Etoile de Hollande; Hortulanus Budde; Margaret McGredy; Red Radiance.

Pink—Betty Uprichard; Dame Edith Helen; Lady Alice Stanley; Lady Ashtown; Lady Inchiquin; La Tosca; Miss Cynthia Forde; Mrs. Henry Bowles; Mrs. C. W. Edwards; Mrs. Henry Morse; Mrs. Wakefield Christie-Miller; Mme. Leon Pain; Radiance; Rose Marie; Una Wallace.

Yellow—Constance; Duchess of Wellington; Feu Joseph Looymans; Golden Ophelia; Julien Potin; Lady Margaret Stewart; Pax Labor; Rev. F. Page-Roberts; Richard E. West; Roselandia.

Salmon, Copper, etc.—Etoile de Feu; Independence Day; Margaret McGredy; Padre; Wilhelm Kordes.

White—Edel; Innocence; Killarney Double White; Miss Willmott; Mme. Jules Bouché.

HYBRID PERPETUAL ROSES

Frau Karl Druschki—pure white; George Ahrends—pure pink; General Jacqueminot—brilliant scarlet crimson; Jules Margottin—carmine pink; Magna Charta—bright pink; Mme. Albert Barbier—soft apricot-yellow; Mrs. John Laing—clear pink; Mrs. Sharman-Crawford—rosy pink; Paul Neyron—deep rose; Ulrich Brunner—bright cherry red.

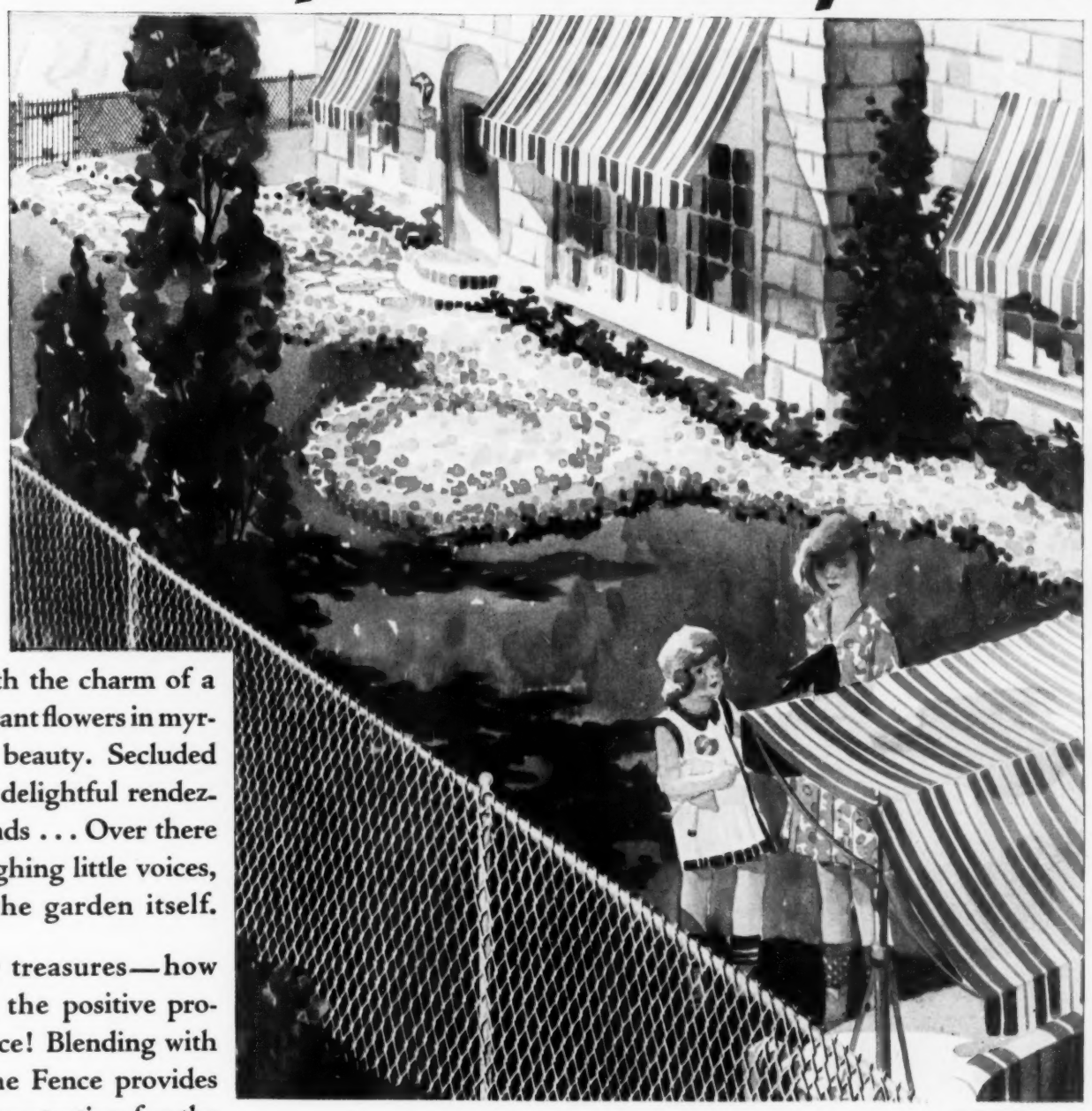
POLYANTHA OR BABY ROSES

Cécile Brunner—soft rose and cream; Chatillon Rose—pink; Golden Salmon—orange-salmon; Grusz an Aachen—creamy white; ideal—dark scarlet; Katherine Zeimet—pure white; Lady Reading—pure red; Lafayette—bright crimson scarlet; Mrs. W. H. Cutbush—bright rosy pink; Triomphe Orleanais—cherry red.

HARDY CLIMBING ROSES

Christine Wright—pink; Dr. Huey—dark crimson red; Dr. W. Van Fleet—pale pink; Dorothy Perkins—shell-pink; Ile de France—an improved American Pillar; Mary Wallace—bright pink; Paul's Scarlet Climber—rich scarlet; Primrose—yellow; Purity—white; Star of Persia—yellow.

PROTECT THE THINGS YOU LOVE
...the things that make up home



What can compare with the charm of a well-kept garden? Fragrant flowers in myriad colors of blending beauty. Secluded foliage-covered nooks, delightful rendezvous of family and friends . . . Over there in the playground, laughing little voices, radiating cheer like the garden itself.

Home, with its many treasures—how needful of protection, the positive protection of Cyclone Fence! Blending with the shrubbery, Cyclone Fence provides appropriate, dignified protection for the most beautiful grounds. Available in many attractive styles, in wire and iron, for city and suburban residences and estates. Consult a Cyclone representative on new ideas in the application of Cyclone Fence, suitable for your property.

Booklet on request.

© C. F. Co., 1929

Cyclone Fence

REG. U.S. PAT. OFF.

All chain link fence is not Cyclone.

This nameplate identifies the genuine Cyclone Fence.

CYCLONE FENCE COMPANY, *General Offices:* Waukegan, Ill. BRANCH OFFICES IN ALL PRINCIPAL CITIES
Pacific Coast Division: Standard Fence Company, Oakland, Calif.

SUBSIDIARY OF
UNITED STATES STEEL CORPORATION
Principal Subsidiary Manufacturing Companies:

American Bridge Co.
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Dependable Service

A modern bathroom by Ely Jacques Kahn New York

The "Viceroy" bath, "Filmore" lavatory, and "Rockbourne" closet are in Old Ivory, a favorite Kohler color

The Low Cost of Beauty

It is easy now for bathrooms to be beautiful at moderate cost. A great change has come with the introduction of Kohler Plumbing Fixtures *in color.*

These fixtures are so beautiful *in themselves* that they make even the simplest bathrooms charming. With walls and floor as inexpensive as you like, the happiest color effects may be achieved.

The reasonable extra charge for color in Kohler fixtures adds only a trifle to the cost of the complete bathroom. And, as the price table at the right suggests, there are Kohler colored fixtures to fit any bathroom budget.

Wide though this range of prices is, there are no *grades* of Kohler quality—just one *best,* produced by master workmen whose home town of Kohler, one of America's most beautiful town-planned communities, symbolizes their craftsmanship.

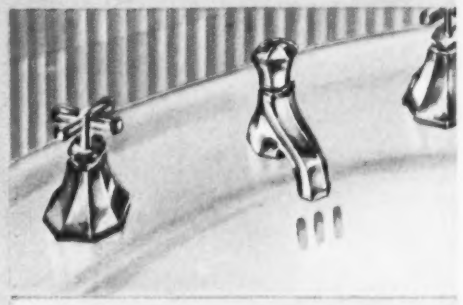
Tell your plumber that you want the fine products made by Kohler of Kohler. See them at a Kohler display room. And mail the coupon for a booklet which tells more about them.

KOHLER CO., *Founded 1873,* KOHLER, WIS. · *Shipping Point:* Sheboygan, Wis. · *Branches in Principal Cities*

KOHLER OF KOHLER

PLUMBING FIXTURES

LOOK FOR THE KOHLER TRADE MARK ON EACH FIXTURE



Kohler faucets, handles, and escutcheons in lustrous chromium plate match the quality and beauty of Kohler fixtures

Kohler Colored Fixtures for Every Bathroom

Lavatories in color, with fittings, ready to install	$35 to $800
Bath tubs in color, with fittings, ready to install	$70 to $500
Closets in color, with fittings, ready to install	$65 to $150

NEW
72-PAGE BOOK
FREE

Please mail to
Kohler Co., Kohler, Wis.

For a helpful book for the home-builder. Illustrated in color. Shows bathrooms, kitchens, laundries; color schemes; floor plans; prices

Name .....

Street .....

City ..... *State* .....

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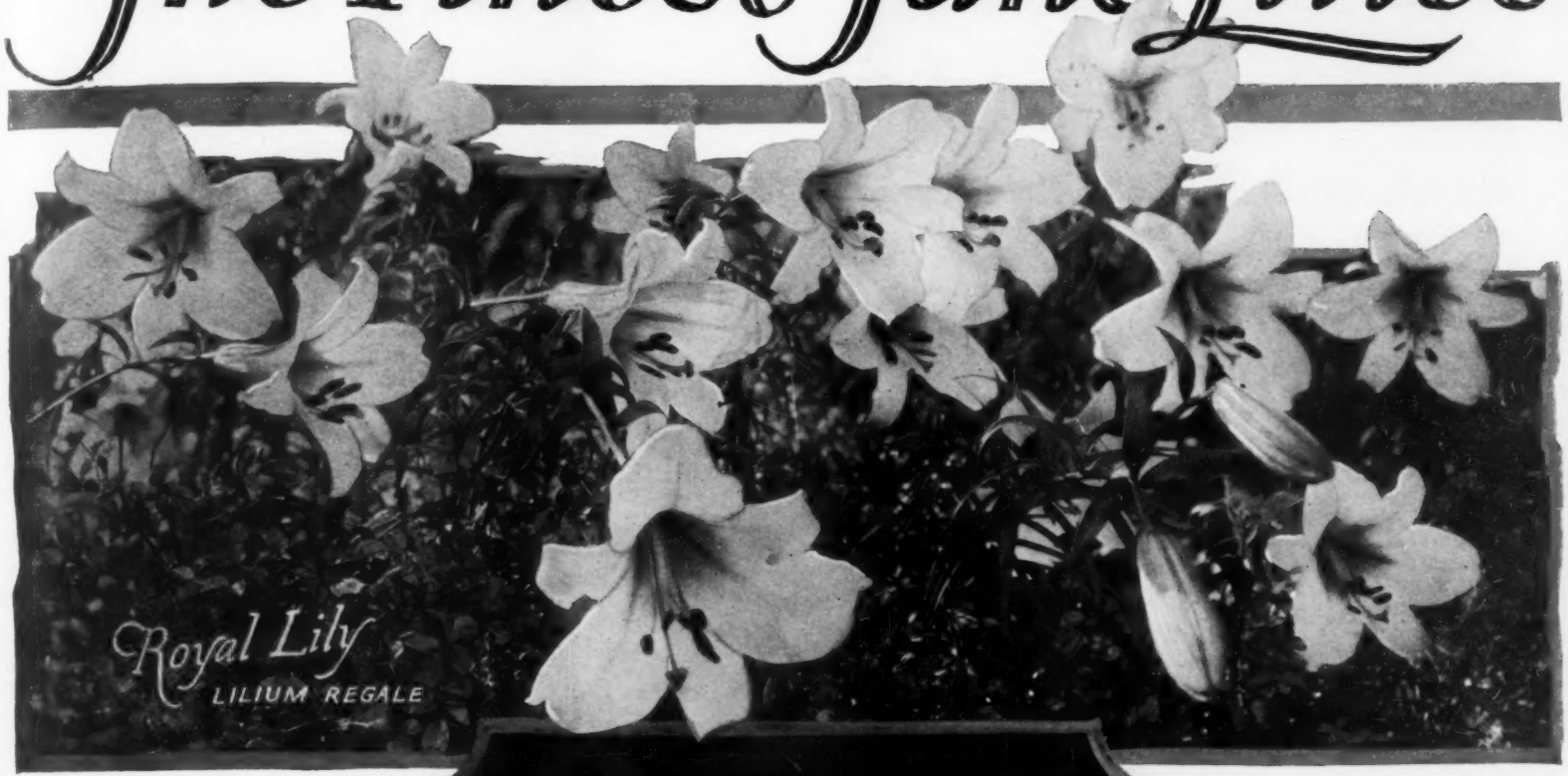
The Finest June Lilies



MADONNA LILIES (*Lilium Candidum*) and Royal Lilies (*Lilium Regale*) are the loveliest of all the Lilies. They flower from mid-June to early July, at the time when gardens are sweetest and best and can be had in abundance by all who have a garden.

Our bulbs are strong and well cured, ready for planting after October 1st, so that they can make strong root growth for next June's glorious flowers.

Both the Madonna and Royal Lily should be planted in quantity in every garden. They are suited to any position in the garden. Planted 8 inches apart in clumps of 5 to 25 bulbs each, they contrast well with the tall pyramidal blue spikes of Delphinium.

Few, if any, of the hardy garden Lilies excel the Madonna Lily or Royal Lily in ease of culture or delightful fragrance.

American Grown Bulbs

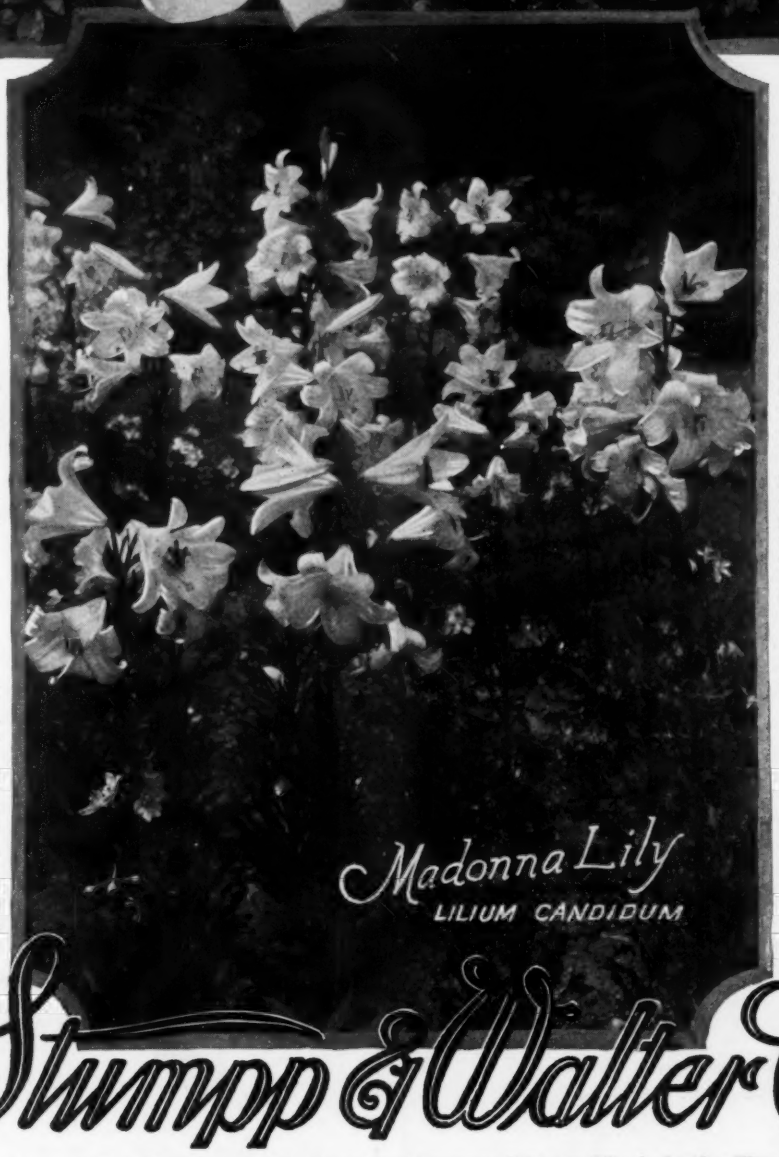
Royal Lily

(*Lilium Regale*)

Beautiful waxen trumpets of pure white inside, flushed with golden yellow in the throat, and stained pink and tan outside. The stalks are two to five feet high and bear from one to twelve or more magnificent blooms at once at the top. They are strong as steel, but bend in a friendly way as if to greet the passerby and offer their blossoms for admiration. They require no special soil, and look splendid planted upon banks and along the top of walls, in clumps of 5 to 25 in the herbaceous border, or along paths, or in front of Evergreens. Bulbs should be planted so that they are covered about 5 inches from the top of the bulb; a handful of sharp builder's sand immediately beneath the bulbs helps provide better drainage.

SELECTED BULBS

	Dozen	100
4 to 5 inches in circumference..	$3.50	$25.00
5 to 6 inches in circumference..	4.00	30.00



English Grown Bulbs

Madonna Lily

(*Lilium Candidum*)

The oldest and most popular of all the Lilies, it has been beloved since men first began to make gardens. It grows erect, with snowy flowers in a spike near the tip of the stalk, and holds itself in chaste and simple loveliness above all other flowers. When established it endures for years, growing finer and increasing with age, becoming a family heirloom of imperishable beauty.

The bulbs we offer are grown for us by a specialist in England, *land of gardens*, and are ripe and strong, ready to spring into growth as soon as they are planted. We do not offer Bulbs of Madonna Lily grown in the South of France as these are not suitable for Garden planting.

Owing to our having large quantities of these bulbs, grown on contract for us, we can offer them at **Popular Prices**, to encourage larger plantings of this wonderful Lily. Bulbs when planted should be set slightly on their side, covered with 2 inches of soil; a handful of sharp builder's sand placed beneath the bulbs helps provide better drainage.

SELECTED BULBS

	Dozen	100
7 to 8 inches in circumference..	$2.50	$20.00
8 to 9 inches in circumference..	3.50	25.00

Our Catalog

"Bulbs for Autumn Planting"

Is now ready—please send for a copy. It features the New and Rare varieties of Flower Bulbs from America, Holland, France and Japan. The Finest Tulips, Daffodils, Hyacinths, Crocus, Lilies and other Miscellaneous Bulbs for Autumn Planting.

Stumpp & Walter Co

Order Your Bulbs Now

One of the Largest Growers and Importers of American, Dutch, French and Japanese Bulbs for Discriminating Flower Lovers in the United States.

30 & 32 Barclay Street — New York City

Branch Stores in **Newark, N. J., White Plains, N. Y., Baltimore, Md.**

Tulips & Springtime!

To enjoy them together in your own garden next season

Plant Schling's Bulbs This Fall

DARWINS and Cottage, single and double, early and late,—their lovely cups brimming with color and nodding a merry "good morning" to you every day for weeks—from early April to June in fact—How can you afford to miss them!

To bring the joys of Tulip time to as many as possible we make the following very special offers, all bulbs guaranteed top size and very first quality.

Schling's Special Border Collection

Of gorgeous Darwin and Cottage Tulips

(as pictured above in order from right to left)

	Per 100	Per 1000
Clara Butt—Exquisite Salmon pink Darwin	$5.50	$50.00
Picotee—White cottage petals edged with pink	5.50	50.00
Pride of Haarlem—Darwin, American Beauty color	6.00	55.00
Dream—Charming lavender Darwin	6.00	55.00
Bronze Queen—Buff tinged with golden bronze	6.00	55.00
Zulu—Enormous size Darwin of Deep velvety purple	6.50	60.00
Golden Beauty—Glorious golden yellow Cottage	6.00	55.00

25 Bulbs at 100 rate; 250 Bulbs at 1000 rate

Very Special

100 Bulbs each of 7 varieties above (700 in all) . . $38.00

VIRGINIA GROWN

DAFFODILS and NARCISSI

FOR NATURALIZING and LAWN PLANTING

100 Bulbs $8.50

Our *Old Dominion Collection* in choicest mixture of airy and medium Trumpets, short cupped and lovely Poet's varieties. All first quality bulbs grown in Virginia where their culture has flourished since Colonial days. These bulbs, being native, are fully acclimatized and none better can be grown anywhere. The supply will not equal the demand. *Order at once!*

1000 Bulbs $80.00

Eight Splendid "Get-Acquainted" Offers

Each a wonderful value—*at present prices*

100 Single Early Tulips in 10 named varieties	$7.00
100 Double Early Tulips in 10 named varieties	8.00
100 Darwin Tulips in 10 named varieties	6.00
100 Cottage Tulips in 10 named varieties	6.00
100 Breeder or Art Tulips in 5 rare named varieties. Wonderful shades of Bronze, Buff, Orange and Apricot	8.00
100 Parrot or Orchid Tulips in 4 named varieties	7.00
100 Bedding Hyacinths in 4 colors	15.00
100 Crocus in 5 named varieties, 1st size bulbs	5.00

5% Discount—if cash accompanies order

Extraordinary Offer

100 DARWIN TULIPS $4.00

Choicest, first-size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.

A $6.00 value for only $4.00

Heralds of Spring!

200 of these Lovely Spring Beauties—25 each of the following 8 named varieties for only **$6.00**

Snowdrops—Glory of the Snow (blue)—Heavenly Blue Grape Hyacinths—Blue Squills (Scilla Sibirica)—Blue Bells (Scilla Campanulata)—White Blue Bells—Wood Hyacinths (Scilla Nutans)—Winter Aconites.

Send for our Fall Bulb List—many other enticing values offered and described

Schling's Bulbs

MAX SCHLING SEEDSMEN, INC.

Madison Ave. at 59th St., New York

Sheet lead in soft green finish is shaped in the semblance of a Waterlily leaf and flower in the center of which is the jet

LEAD IN THE GARDEN

THE use of lead as a material for exterior objects of various kinds, utilitarian as well as ornamental, have been recognized for centuries. Malleable, immune to damage by exposure to the elements, of a color which, attractive even when new, mellows delightfully with age, this excellent metal perfectly meets the requirements of those who seek embellishments of gardens and houses. It deserves much more general utilization than is generally accorded to it.

Horticulturally speaking, lead commends itself especially to fashioning into small fountains for pools and walls of brick, stonework or cement. It is, of course, absolutely rust-proof and will last for many years. Water flowing over or through it is unaffected chemically, so that plants which may be growing in the pool will not be injured. Besides these practical advantages there are several esthetic ones, such as the wide variety of appropriate designs into which sheet lead can be cut and shaped, and the soft colors of the metal. Experimentation has proved that not only is the natural gray of the lead satisfying but also that it can be finished in other tones including a pleasant mossy green with bluish tints. All the colors which it assumes, artificially as well as by the process of weathering year after year, have that subdued quality which gives it harmony with plant surroundings.

(*Continued on page* 196)

A rosette jet design for the surface of a pool. It is colored a soft green and, being of lead, is very durable

The Grape cluster in moss green and blue tints, with water emerging at the stem, is for a wall fountain. All designs by Hilda Osborn. Courtesy Arden Studios

A more conventionalized wall device, in which the water enters a pocket and trickles over several low places in the forward rim, is greenish overlaid with tints of purple

Will Winter Come?
—and find You Without the Joys of Summertime in a Greenhouse of Your Own

"AMERICAN GREENHOUSES"
This beautiful 192-page book will be sent you, absolutely without obligation. It contains dozens of illustrations, many of them in 4 colors, showing various types of greenhouses and conservatories. It also includes several pages of blue prints and specifications. With it you will be sent a price list covering a wide range of sizes and a number of different styles.

WILL the cold winter months, not so far distant, find you with only a memory of the green and growing things that disappear when snow first falls? Or will you realize the extreme satisfaction of living among flowers and plants of your own, in your private conservatory throughout the winter months?

When you realize that you can now buy a greenhouse for less than a thousand dollars, doesn't it seem worth while to avail yourself of the many pleasant hours that this small expenditure will bring you?

Many grow only flowers, rare plants and ferns to admire and enjoy. Others add to this pleasure, the healthful satisfaction of being served at the table with fresh vegetables—home grown—in mid-winter. Still others have been able to defray the cost of the greenhouse by realizing a pleasant profit from the surplus grown.

"American Greenhouses", a book published especially for the homeowner desiring a private greenhouse, is yours on request. Write for it today.

THE AMERICAN GREENHOUSE MFG. CO., 1307 W. Randolph Street, Chicago, Ill.

Amityville, L. I., N. Y. • Linden, N. J. • Kansas City, Mo. • Pana, Ill. • St. Louis, Mo. • Denver, Colo. • Philadelphia, Pa. • Cleveland, Ohio

AMERICAN GREENHOUSES

CONSERVATORIES - SOLARIUMS - SHOW HOUSES - PALM HOUSES

Gorgeous Springtime Blooms SHUMWAY'S

"Pedigreed" Bulbs

Produce the Anticipated Results

Imported direct from Holland; carefully selected, largest sizes, first quality. Our 59 years in business is your assurance of complete satisfaction, in fact, these bulbs may be returned at our expense, after you examine them, if their quality is not equal to or superior to any bulbs you have ever purchased. Shumway's Pedigreed Bulbs produce gorgeous springtime blooms. Place your order now for fall planting. Extraordinary prices.

Delivery charges prepaid to your home.

Some of the outstanding collections of Darwin, Cottage and Breeder Tulips are listed below for your consideration.

Collection A—$24.75

100	Darwin Mixture	12	Varieties	$3.00
100	Breeder "	15	"	4.00
100	Cottage "	12	"	3.75
100	Crocus "	5	"	2.75
100	Narcissi "	5	"	8.75
25	Hyacinths "	10	"	3.50
525	Regular Price			$25.75

Special Price $24.75

Collection B—$15.75

50	Darwin Mixture	12	Varieties	$1.50
50	Breeder "	15	"	2.00
50	Cottage "	12	"	1.80
50	Parrot "	5	"	2.15
50	Narcissi "	5	"	4.50
50	Crocus "	5	"	1.40
25	Hyacinths "	10	"	3.50
325	Regular Price			$16.85

Special Price $15.75

Collection C—$10.00

HARMONY BORDER OF TULIPS

25	Baronne de la Tonnaye—Vivid Pink	$1.25
25	Dream—Delicate Lilac	1.25
25	Valentine—Violet	1.60
25	Moonlight—Pale Yellow	1.25
25	Clara Butt—Salmon Pink	1.25
25	Hobbema—Buff-Lilac	1.45
25	Mrs. Moon—Pure Yellow	1.50
25	Euterpe—Silvery Lilac	1.40
200	Regular Price	$10.95

Special Price $10.00

Collection D—$10.25

TULIP BORDER OF BRILLIANCY

25	Bartigon—Carmine-Crimson	$1.25
25	King Harold—Ruby	1.45
25	La Tulipe Noire—Black	1.50
25	Inglescombe Yellow—Yellow	1.25
25	Valentine—Violet	1.60
25	Scarlet Beauty—Brilliant Scarlet	1.40
25	Farncombe Sanders—Rose Scarlet	1.25
25	Avis Kennicott—Yellow	1.50
200	Regular Price	$11.20

Special Price $10.25

Collection E—$15.50

THE TULIP BORDER SUPREME

Breeder or Art Tulips

25	Dom Pedro—Coffee-Brown	$1.90
25	Klopstock—Lilac-Blue	1.75
25	Turenne—Purplish Brown	1.75
25	St. James—Lilac-Rose	1.50
25	Apricot—Apricot-Orange	1.75
25	Cardinal Manning—Rosy Violet	1.35
25	Panorama—Mahogany Red	1.50
25	Golden Bronze—Golden Bronze	1.45
25	Louis XIV—Purple, Gold Edge	1.75
25	Prince of Orange—Orange Scarlet	1.75
250	Regular Price	$16.45

Special Price $15.50

Superfine Mixture—Largest Size Bulbs

100	Darwin Tulips	17 Varieties	$3.50
100	Breeder Tulips	15 "	4.00
100	Cottage Tulips	12 "	3.75
100	Early Single Tulips	12 "	3.85
100	Early Double Tulips	12 "	3.85
100	Parrot Tulips	5 "	3.75
100	Crocus (1¼" dia.)	5 "	3.00
100	Hyacinths	10 "	13.75
100	Crocus (1¾"-2" dia)	5 "	3.75
100	Narcissi, U. S. Grown	5 "	8.75

50 Bulbs at the 100 Rate

EXTRA SPECIAL: 12 Louis XIV Breeder Tulips, Purple, Gold Margin, 90 cents; fifty for $3.50; 100 for $6.25.

All varieties grow 2 to 3 feet tall. Giant blooms.

100	Princess Elizabeth—Rose Pink	$4.75
100	Barrone Tonnaye—Vivid Pink	4.25
100	Bartigon—Carmine Crimson	4.25
100	Clara Butt—Salmon Pink	4.25
100	La Tulipe Noire—Nearly Black	5.00
100	Valentine—Violet	5.00
100	Scarlet Beauty—Scarlet	5.00
100	Inglescombe Yellow—Yellow	4.25
100	Golden Bronze—Name Describes it	4.75
100	Farncombe Sanders—Rose Scarlet	4.50
100	Rev. Ewbank—Lilac-Blue base	4.50
100	Cardinal Manning—Rosy Violet	4.75
100	Dream—Delicate Lilac	4.75
100	Pride of Haarlem—Carmine Rose	4.25
100	Mme. Krelage—Lilac Rose	4.25
1500	bulbs—100 of each	62.50
750	bulbs— 50 of each	32.00
375	bulbs— 25 of each	16.50

FREE CATALOG: Our new catalog, in full colors, pictures a great variety of Tulips, Narcissi, Hyacinths, Crocus, Peonies, Lilies, etc. A helpful guide to gardening free. **WRITE TODAY!**

R. H. SHUMWAY, Seedsman

Established 1870

118 So. First St. **Rockford, Ill.**

The malleable, almost plastic quality of the sheet lead is well illustrated in this flower pattern for a simple pool jet. Subdued green

LEAD IN THE GARDEN

(*Continued from page* 194)

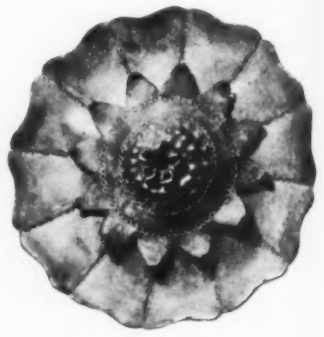
Too much emphasis can hardly be laid upon the importance of this unobtrusive quality in garden accessories of many kinds. If we accept the theory that gardens are primarily places for growing plants, it follows that these living occupants of the area should constitute its chief attraction. Whatever embellishments are used, be they large or small, should be secondary.

This is not to argue against the installation of accessories—quite the contrary. Nothing gives more of that air of completeness, of well considered thoughtfulness for the spirit of a garden, than well chosen embellishments properly placed.

Perhaps this is particularly true of those which have to do with water features, for in the very nature of things they are sure to focus attention. Water in a garden always excites interest, especially when it is present in the form of pool or fountain, and everything connected with it is spot-lighted. If there is a jarring note in the composition it is sure to show.

There is often too much attention directed to the body of water as a whole and not enough to the device through which it enters from the supply pipe. No single phase of the composition is more important than the point of entry, yet frequently it is the least considered. It ought to be marked by some fixture which is restrained and in harmony with the spirit of the place.

Exposure to the weather will gradually change the bright lead color of this pattern to a rich but subdued mossy green



Another design in bright lead finish lightly decorated with stamping on the background rosette and raised center

For use on a garden wall comes a fan-shaped piece with concealed pipe which introduces the water inside the lower roll, open at the ends

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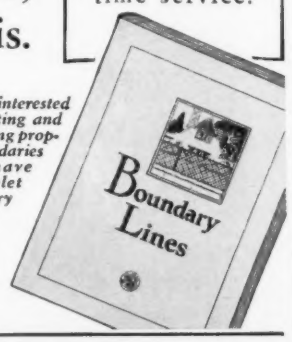

PAGE FENCE

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ORNAMENTAL WROUGHT IRON

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Planned and planted by member National Home Planting Bureau

Plant this Fall!

Gain winter beauty—Assure vigorous growth—

Experts advise fall planting! Your nurseryman will tell you that the fall season is the best possible time to plant nearly all varieties of trees and shrubs, as well as spring-blooming bulbs and hardy perennials. Then too, you relieve the barrenness of the winter landscape by planting evergreens this fall.

The logic of transplanting living plants during the fall season, when they are dormant, is simple and understandable. Then, the shock of moving is reduced to a minimum, and the always ample rains of the fall season bring the earth into firm contact with the entire root system. Thus, your planting is ready to respond to the first urge of spring and receives the advantage of *every growing day of the spring season!*

Moreover, in the fall the soil is in better condition to be worked than in the early spring when thaws and early rains often make it difficult to properly prepare the soil.

You will save time in the development of your landscaping plan by planting this fall. To delay until spring may mean the loss of a full season or even an entire year.

Consult your nurseryman or his representative. At this season his stock is at its best and he will advise you how, what and where to plant this fall to insure successful growth and the landscape effect you desire. Draw upon his knowledge and experience and save yourself disappointing results and needless expense.

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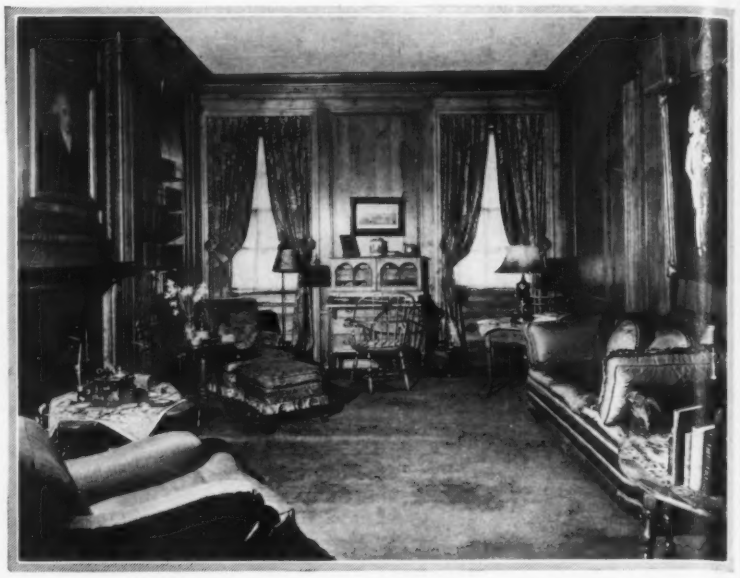

Portraits hung above the mantel and in the long space over a sofa give interest and color to this living room paneled in pine. Chamberlain Dodds, decorator

PICTURES HELP THE SCHEME

An old painting of "Boston Harbor" strikes the proper note in this small early American smoking room. Isabel Peirce was the decorator

The overmantel painting "Hollyhocks" inspired the color scheme of this cheerful chintz-hung living room in the Sands Point home of Mrs. Robert Strahan. Isabel Peirce was the decorator

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Tulips and Daffodils... of course!

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Box "C", BABYLON, Long Island, New York

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"Reg. U. S. Pat. Off."
Woven Wood Fence
Made in France

The ideal screen for laundry yards! Also makes an excellent boundary for an estate or background for plantings. Economical to use. Requires no paint. Lasts a lifetime. Made of live chestnut saplings. Shipped in 5 ft. sections, ready to erect. Three heights: 6′ 6″, 4′ 11″, and 3′ 10″. *Illustrated booklet "1-J" Free.*

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North American Wild Flowers

HARDY ORCHIDS of dainty coloring and delightful fragrance. Lilies of meadow and wood. Pitcher plants for the bog garden, Columbine for the rocky woods and almost 300 other varieties for every location. Our special list is ready for you and here are just a few of the remarkably low quantity prices.

	Per 12	Per 100	Per 1000
Mertensia Virginica, for dry shade	2.00	12.00	100.00
Wild Marshmarigold, for bogs	1.50	10.00	75.00
Pink Ladyslipper, for woods	2.00	15.00	140.00
Phlox Divaricata	2.00	15.00	125.00
Bloodroot	2.00	12.00	90.00
Hepatica	1.75	12.00	100.00
Crested Iris	2.00	15.00	125.00
Maidenhair Ferns	2.00	12.00	90.00
Ostrich Ferns	2.00	13.50	100.00
Meadow Lily	2.00	15.00	120.00

If you expect to do any naturalistic planting of Ferns, Flowers, Azaleas or Rhododendrons this fall (and fall is the best time) you should not fail to send for this new list. Of course, our regular catalog offers you a pretty complete assortment of Rock Plants and other Perennials, Shrubs, Vines, Evergreens, Fruit and Shade Trees. May we send you a copy of this, too?

GEO. D. AIKEN

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It tells you how to end the dust nuisance on drives, bridle paths, walks, tennis courts, and other outdoor surfaces. Ask for booklet 1357 and it will be sent promptly without charge.

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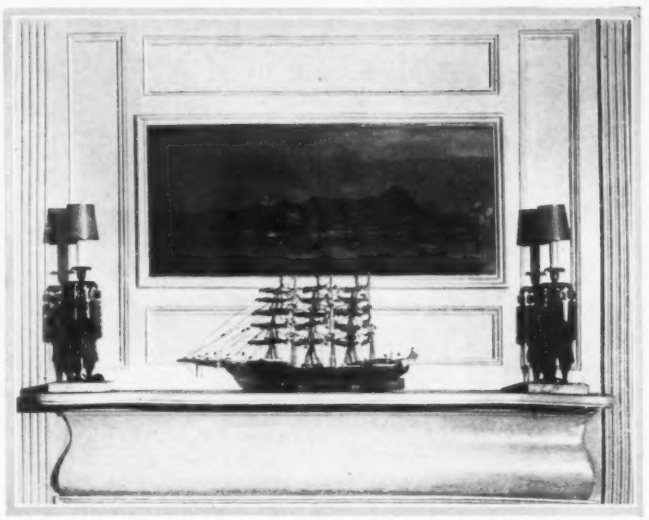

PICTURES HELP THE SCHEME

(Above) An old painting of a harbor scene paneled over the mantel, and a ship model, accentuate the atmosphere of a house by the sea

(Right) Elizabethan water colors hung in pairs form a pleasing balanced arrangement above a country living room table. Isabel Peirce, decorator

Overmantels should be decorative, correct in scale and in key with the scheme. Such is the case in the dignified group below. McBurney & Underwood, decorators

Richard Averill Smith

For Greater June Gardens Plant MORE Madonna Lilies

MADONNA Lilies are always beautiful, in any situation. The chaste, pure white flowers are borne on sturdy stems, and their exquisite fragrance perfumes the entire garden. Our bulbs of these come from northern France: are heavy, solid stock, bound to give satisfaction regardless of size, though the largest sizes bear taller spikes.

	Each	Doz.	100
Large bulbs	$0.35	$3.00	$20.00
Extra large bulbs	.50	4.50	30.00
Mammoth bulbs	.75	6.00	40.00

An Ideal Combination: Plant Madonna Lilies in front of Blue Delphiniums and you create pictures of surpassing beauty. Dreer's De Luxe Hybrids come in light blue, mid-blue and dark blue shades. Uniform price: 35c per packet: packet each of three colors $1.00.

Delivery postpaid at above prices.

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Just as the first Robin is hailed as proof that spring is near, so do we welcome certain early floral surprises with special joy! The flowers described below are splendidly adapted for naturalizing, for growing in borders and rock gardens.

Chionodoxa (Glory of the Snow). Brilliant blue, bell-shaped flowers soon after snow disappears. **40c per doz.; $2.50 per 100.**

Muscari (Grape Hyacinth). As illustrated to right, these pretty little spring beauties come in blue and white. **Heavenly blue—50c per doz.; $3.00 per 100. Pearls of Spain—**the rarer **white** variety, **75c per doz.; $5.00 per 100.**

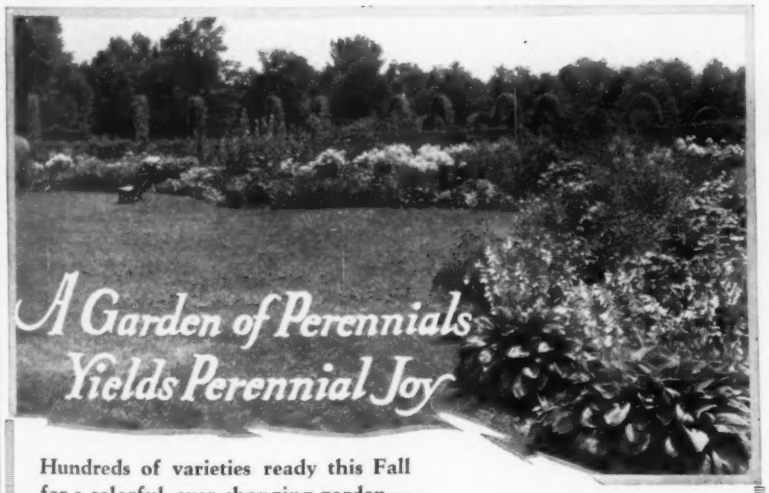
Scillas or Squills. A great companion to Snowdrops, with exquisite sprays of rich blue flowers. **70c per doz.; $5.00 per 100.**

Snowdrops (Galanthus). They "dare" Jack Frost and peep through snow and ice. **50c per doz.; $3.50 per 100.**
Special: One dozen each of above matchless varieties for $2.50 Postpaid.

Dreer's Autumn Catalog

offers seeds, bulbs, plants, requisites—all of super quality—at reasonable rates. Free, of course, and please mention this publication.

HENRY A. DREER, 1306 Spring Garden Street, Philadelphia, Pa.



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L. tigrinum. Reddish-yellow

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Will you have flowers next Spring from the Peonies you plant this Fall?

The answer depends upon where you buy your plants. If you buy "divisions", or freshly cut sections of established plants, you may have a few small blooms, but you will probably have to wait a few years until the plants become established, to enjoy their full beauty.

If you plant Peterson's undivided and fully-matured roots this Fall, you will enjoy good, typical flowers next Spring. There is no need to wait any longer, because these roots are already grown in our nursery one and two years from divisions and so are ready to produce flowers for you without any delay.

Read the whole story of Peterson's Peonies in our twenty-fifth annual catalog

"The Flower Beautiful"

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EVERY year, when planting time for trees and shrubs approaches, the same thought comes into the minds of amateur gardeners the country over. Its exact form may vary with the individual, but the basic idea is unvarying: why is nursery grown stock so expensive, when you can go into the woods and get some of the same kinds of plants just for the trouble of digging them up? After all, this is a logical enough question and merits a straightforward answer.

Good tree or shrub stock from a dependable nursery costs a fair amount to produce because of labor, interest on the original investment of land and materials, taxes and the necessary expenses of running any business. When you realize that the shrub or tree you buy may have occupied its share of the nurseryman's land for two to eight or more years, and that during this period he has had to transplant it once, twice or several times, his selling price begins to look more reasonable. The conifer for which you pay five dollars may seem small, but it is likely to be five years old; and a dollar a year for his labor and attention certainly isn't much to pay the man who grew it.

The culture which every good nurseryman gives his stock has a satisfaction value which makes the plants well worth their price. Successive transplantings produce root systems far sturdier and more compact than the same plant collected from the wild would show, and this means that after you get it it will take hold and grow with the best chance of success. Furthermore, the above-ground development or a nursery grown specimen is more dense, symmetrical and luxuriant than can be shown by nine out of ten of its woodland brothers, for it has been grown under un-

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There is no other rose like Mme. Gregoire Staechelin. Its color is iridescent—pearl pink with claret-carmine markings on the outer petal. It is a "star" climber, and a "Star" Rose. It has an unusually long blooming season. Staechelin is fully described in our "Fall Guide to Good Roses." You will want one or more of these miracle roses in your own garden. $2.50 each—four for $9. Order now.

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Prince Edward Island Bent Grass Seed
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100 Darwin Tulips $3
Assorted Colors. A wonderful mixture at a very low price.

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6 fine Peonies, 2 Red, 2 White, 2 Pink, all 6 for $2.00 postpaid, and a Richardson Rubra Superba (Worth $1.00) FREE.

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Collection easily worth $5.00, our special price, $2.50 postpaid, and one Famous MOTHER-OF-PEARL free.

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The old-fashioned variety; sturdy, clean young plants that bloom vigorously the first season. A special now at
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THE GARDENER'S SCRAP BOOK

crowded, well lighted conditions where everything affecting development was in its favor.

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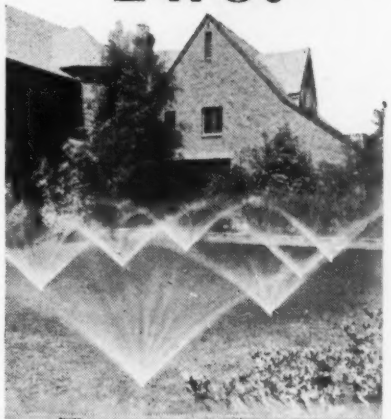
GARDEN SOIL THAT CAKES

GARDEN soil that cakes and bakes is a handicap at all times, but its effects are perhaps more noticeable now than at any other season. Late summer is often a trying time even for gardens where the soil is of good texture; where soil conditions are poor, the plantings may vanish completely.

There are two principal reasons for the caking tendency of soil. The first is lack of humus, sand, sifted coal ashes or other material which will serve to hold apart the minute particles of clay which in some soils are so numerous that a hot sun following damp weather will cause them to coalesce into an almost rock-like mass. The second is digging or otherwise working a heavy soil in wet weather, thereby causing it to "puddle" a good deal after the fashion of clay that is being puddled to make watertight bottoms for pools.

Keeping the surface soil stirred regularly and constantly is a good precaution against baking. Soils rich in humus give little trouble. Those deficient in lime are likely to cause the most difficulty. Liming is necessary in these soils to assist in remedying their texture, but is must be borne in mind that when lime is used there must be a compensating amount of humus or decaying vegetable matter returned to the soil to make up for the exhaustion caused by the lime which makes the plant food available for the roots in the

Saves Its Cost in a Year or Two!



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soil and causes it to be quickly exhausted by their activities.

The moisture content of the soil has much to do with its texture. The stirring of the surface, establishing a dust mulch, helps to retain the moisture in the soil by preventing too rapid evaporation. The evaporation soon tends to cake the surface if the latter is not stirred regularly.

FERTILIZERS FOR FALL PLANTING

THE setting out of hardy plant material, whether herbaceous or woody, should always be preceded by thorough preparation of the soil to the full depth to which the main supply of roots may be expected to reach eventually. These plants are, usually, put in as permanencies and benefit greatly by as much permanence in the conditions provided for them as can reasonably be assured.

Good soil texture is one condition which, once provided, can be expected to remain indefinitely, but this cannot be said of that even more important necessity, plant food. In the very nature of things the nourishment in soil occupied by plants is exhausted in exact proportion to the latter's size and growth, so it should be provided abundantly in the beginning and replenished later as occasion requires. Some forms of food will last longer than others, and as a rule these are the kinds which should be well incorporated with the soil before a single plant is set in place.

Among the best of the general fertilizing materials is coarse ground raw bone, for it decomposes slowly, will not "burn" the roots and supplies those elements most needed by the majority of herbaceous perennials, shrubs and trees. On the basis of one generous handful to every large herbaceous clump and proportionately larger quantities for woody material, it can be counted on to give plants a good safe start and keep them going for a couple of years. Thereafter, a top dressing of it once or twice a year, worked well

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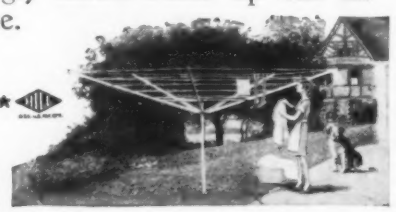

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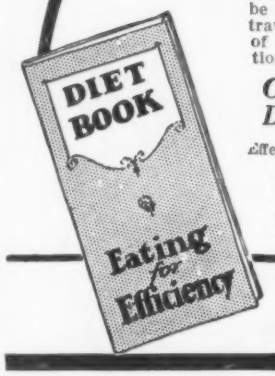

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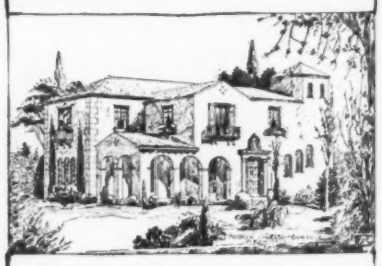
374 Good Health Bldg., Battle Creek, Mich.

155 STARTLING NEW HOUSE PLANS



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into the surface around each plant, will replenish the food supply very satisfactorily.

There is just one drawback to ground bone: it is not good for acid-loving plants on account of the lime in its makeup. For these, well rotted manure is safer and better.

COLDFRAME POINTERS

EVERY garden which pretends to completeness (and a great many which do not) needs at least one coldframe. There is literally not a single month in the year when such a device need be out of use—starting and sheltering seeds or plants in spring and summer, prolonging the outdoor growing season in autumn, carrying various hardy and semi-hardy plants through the winter in safety. As a matter of fact, it is only through personal experience that one can really appreciate how indispensable a coldframe is.

There is no space here to discuss in detail the proportions and construction of coldframes, but attention may well be called to certain pertinent points which are frequently overlooked to the greater or less detriment of ultimate results. First among these is depth of frame foundations.

In sections where moles and field-mice are prevalent it is well to carry the concrete or wooden walls of a coldframe three feet below grade to insure protection against winter inroads. Otherwise, one foot will suffice, the walls being continued above-ground sufficiently to give the plants head-room after the required amount of good soil has been put in the frame.

All woodwork, above and below ground, should be creosoted or well painted as protection against the elements.

Where the seeds or plants are to be grown in pots or flats, spread several inches of coal ashes in the frame to keep out worms. For winter use especially, be sure that no outside water can drain into the frame from the soil or through poorly fitted sash.

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ALL-CHINA FIXTURES
White, Black and Colors

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